Continuing Education Activities
of The University of British Columbia
1981—1982

CONTINUING EDUCATION ACTIVITIES 1981-82

A REPORT TO THE PRESIDENT

THE SENATE AND

THE BOARD OF GOVERNORS

September 1, 1981 - August 31, 1982

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INTRODUCTION

This is the sixth comprehensive annual report on continuing education activities of The University of British Columbia. The first report, for academic year 1976-77, covered only activities of the five designated units reponsible for continuing education. This report, covering the period from September 1, 1981 to August 31, 1982, attempts to cover the much broader scope of continuing education opportunities offered by UBC through many of its faculties, schools and departments.

The provision of continuing education by UBC is decentralized. Several administrative units are responsible for credit and non-credit, general and professional continuing education and professional development.

The major administrative units are the Office of Extra-Sessional Studies, the Centre for Continuing Education, the Division of Continuing Education in the Health Sciences, the Field Development Office of the Faculty of Education, the Professional Programs of the Faculty of Commerce and Business Administration, the Continuing Education Program in Social Work, the Continuing Education, Extension and Communications Division of the Faculty of Agricultural Sciences, and the Forestry Off-Campus Programs.

In addition, other units of the University, among these The Botanical Garden, the Museum of Anthropology, the UBC Research Forest, the Music Department and the Theatre Department provide considerable continuing education opportunities through lectures, demonstrations, exhibits, film showings, concerts, recitals and readings.

Free public seminars and lectures are organized by a number of academic departments and institutes, and public services such as the "Hort-Line" and the Food Information Service of the Faculty of Agricultural Sciences are provided to the public. In these ways UBC contributed significantly to the education of adults, the dissemination of knowledge, and the cultural life on the Lower Mainland and further afield.

The University of British Columbia in its mission statement, issued in November, 1977, afforded an important place to continuing education. In the statement of its mission, the University included among the four responsibilities "a wide array of programs in continuing education for the general public and for the professions". Further on the University listed among its goals and objectives:

> To expand continuing education programs for the general public and, in cooperation with professional associations, to increase opportunities for continuing education in the professions. The University believes that all such programs are of great importance to the public and the professions.
>
> To continue to render direct service to the public by providing non-University users with access to the Library, the Computing Centre, the Museum of Anthropology, the Botanical Garden, the research forest at Haney and the University's attached facilities. The objective is to provide the general public with

opportunities to participate in University programs and to develop active interfaces with the University.

During 1981-82, the services provided by the University to non-metropolitan areas continued to grow. The most significant growth occurred in distance education programs broadcast via the Knowledge Network of the West, with local arrangements often made in cooperation with the regional colleges.

The significant shortfall in the University's budget for 1982-83 and the retrenchment it brought about for the fiscal year which started on April 1, 1982 already began to have an adverse effect on the ability of university administrative units to adequately meet calls for continuing education in the community.

The overall economic situation in B.C. also had its effect on participation in continuing education programs. This has hit particularly hard some of the continuing education programs in the professions, especially those related to resource-based industries and the public sector. Remarkably, some professional continuing education programs increased in their registration; this is particularly noticeable with the Division of Continuing Education in the Health Sciences.

Significantly, participation in general continuing education in the humanities and sciences held its own in spite of the difficult economic situation.

In addition to the official, University sponsored activities, individual faculty members provide a considerable contribution to continuing education in British Columbia through participation in continuing education programs of other institutions as well as through voluntary and professional associations. However, these activities are not reflected in this report.

This report is an attempt to gather information on and to convey the scope of these many varied activities and services through which The University of British Columbia enhances the quality of life in British Columbia. Due to the decentralized nature of much of this, it is very difficult to document adequately the level and breadth of this contribution. It is hoped that both the gathering of information and the reporting will be refined in subsequent annual reports.

Much of the effort and service to the adult population of British Columbia, outlined in this report, would not be possible without the support of the University administration, the hard work and the commitment of faculty and staff, and the enthusiastic participation of the general public and the professionals.

EXTRA-SESSIONAL CREDIT PROGRAMS

The Office of Extra-Sessional Studies was established in response to the increasing numbers of students who needed university credit courses, but could not attend the regular Winter Session.

The Office is responsible for the coordination and administration of all Extra-Sessional credit courses and programs, with the exception of credit correspondence courses, which are administered by the Centre for Continuing Education. Courses administered through the Office of Extra-Sessional Studies are given during the late afternoon, evening, weekend, off-campus, Spring Session, and include Directed Study Abroad.

The academic staff of this Office consists of the Director, Dr. Norman Watt, and the Associate Director, Dr. Kenneth Slade. In addition, the Office draws on the services of Coordinators from the Faculties of Arts, Education, and Science, who are appointees of the respective Deans. These Coordinators work closely with the Office in programming courses and serve on the Coordinating Committee. The support staff of the Office consists of the Secretary to the Director, a Program Assistant, and two secretaries. The Director reports directly to Academic Vice President & Provost Dr. Michael Shaw.

The Coordinating Committee on Extra-Sessional Studies was established to advise the Director on long range development plans, budget, course offerings, student academic loads, and other related matters. The Committee consists of representatives from the Faculties of Arts, Commerce, Education, and Science, the Registrar's Office, Centre for Continuing Education, as well as the three faculty Coordinators, the Associate Director, and Program Assistant. The Director serves as chairman.

As well as the charges given by the President's Permanent Committee on University Extension and Continuing Education, the Office staff have formulated other specific objectives which are as follows:

1. To establish procedures which will preserve the prerogatives of each faculty with respect to academic requirements for degrees, content of courses, and appointment of lecturers.

2. To encourage faculties and departments to provide programs and courses based on student need.

3. To assist faculties and departments to determine the demand for on- and off-campus courses and the most effective way of meeting that demand.

4. To help faculties and departments explore alternative approaches to presenting courses to people who cannot attend campus-based courses.

5. To encourage faculties and departments to develop a one, two, and three year sequence of extra-sessional courses, enabling part-time students to plan their programs with confidence.

6. To assist faculties in making it possible for part-time students to earn degrees, wholly or in part, through part-time studies.

7. To provide effective publicity for programs offered.

Within the constraints of the budget and the often unpredictable student demand for courses, we are working with some success toward the achievement of these objectives.

Programs and Directions

1. Completion of Majors by Part-time Study

The increase in the number of part-time students attending Winter Session Evening and Spring Session over the past few years is evident. In order to make it possible for part-time students to complete degree requirements for a major, it was felt that many more upper division courses needed to be offered. To this end, in 1979, all departments in the Faculties of Science and Arts were asked to determine the feasibility of establishing a three year sequence of courses (Winter Session Evening and Spring Session) which would allow completion of a major within that time. The response was gratifying. Eleven subject areas (Anthropology, Asian Studies, English, Fine Arts, French, History, Philosophy, Political Science, Psychology, Sociology, and Mathematics) now provide a sequence of courses sufficient to enable a student to complete a major entirely by attending Winter and Spring Sessions. As of Spring 1982, all of the previously named departments started on a second three year sequence of courses. It must be noted that degree completion by part-time study has been available for a number of years at the undergraduate and graduate levels in the Faculty of Education and in the MBA Program in the Faculty of Commerce and Business Administration.

2. Funding Degree Programs for Part-time Students

In the early 1970s it was apparent that better opportunities for part-time students had to be made available at The University of British Columbia. A Senate Committee on Degree Programs for Part-time Students, under the chairmanship of Dr. P.H. Pearse, was appointed on September 16, 1970, and reported March 9, 1971. The report recommended that obstacles to part-time study towards degrees be removed, and that institutional, administrative, and curriculum changes be initiated to develop opportunities for part-time students. In response to this latter recommendation, a President's Ad Hoc Committee on the Administration of Credit Courses for Part-time Study was created, under the chairmanship of Dr. N.S. Watt. In recommending that an Office of Extra-Sessional Studies be created, the committee's report, dated March 28, 1973, further recommended:

> The University should be prepared to include, in estimates for its annual operating budget to the Government, a request for additional funds to support the extended day and year commitment.

3. Deans' Special Audit Status

The deans of several faculties have given permission for a Special Audit Status student designation, in selected courses, to accommodate those people who would

be ineligible under normal circumstances to participate in credit courses. It was felt that opening courses in this manner would allow a "new" segment of the community to benefit from a regular university credit course in an area of general interest or of special competency. In addition, it was felt that this kind of academic exposure might be the incentive needed by some people to pursue a university education. Unlike credit and regular audit students, who must meet university admission regulations and standards, and whose names are kept on record at UBC, Special Audit Status students do not have to make application to UBC or use the Registrar's registration forms. Special Audit students register through the Office of Extra-Sessional Studies and pay regular course fees. No records are kept nor transcripts issued for these students.

The first course to offer the Deans' Special Audit option was Music 339--Opera Workshop, in the summer of 1980. This course enroled six Deans' Special Audit students. The following courses have been offered with this option:

1981-82 Winter Session	DSA Enrolments
Art Education 305	1
Biology 310	3
Civil Engineering 559	3
Music 164 (2 sections)	4
Music 339	2
Music 403	1
1982 Spring Session	
Physical Education 232	4
1982 Summer Session	
Education 390	1
Education 581	1
Education 590	1
Music Education 400 (3 sections)	24

4. Part-time Students' Association

The proportion of part-time students to full-time students has been increasing significantly for the past six years. However, the availability of the academic and support services has not kept pace with the increase. In addition, the Universities Act still does not allow part-time students to serve on Senate or on the Board of Governors. The University of Victoria and The University of British Columbia have gone on record to have the Universities Act changed to allow part-time student participation on these governing bodies. One important method of improving this situation would be to have a strong part-time students' organization on campus.

To this end, a statement in the 1982 Extra-Sessional Spring and Summer calendar states the reasons for such an association and gives the name of the acting coordinator of this organization.

5. Calendar Production

The Extra-Sessional Studies calendar production, utilizing UBC's Amdahl computer, has resulted in more accurate publications which have proven to be time efficient. The Office is presently looking forward to the University's acquisition

of a typesetting system which will interface with the Amdahl and also to the implementation of the University-wide data base which should lead to the anticipated ultimate cost efficiency.

6. Calendar Themes

Commencing with the 1981 Spring and Summer calendar, this Office began a series of calendar themes based on the artistic talents of faculty and students or special departmental resources. The first calendar was dedicated to the Faculty of Education's Art Department. On the cover was reproduced an original woodcut by former professor, F. Henry Johnson. In the body of the calendar appeared black and white reproductions done by Associate Professor Bob Steele and six of his students. Additional wood and lino cuts were contributed by Associate Professor Clair Healy.

The 1981-82 Extra-Sessional Winter calendar featured the unique work of Assistant Professor Brian Jackson from the Faculty of Art's Theatre Department. His costume designs, many created during his career at Stratford, Ontario, succeeded in making a traditional calendar presentation more interesting and projected an aesthetic quality.

The 1982 Spring and Summer Sessions calendar was a collage of Chinese, Japanese, Korean and Indian art. The body of the calendar contained many unique black and white prints. Many thanks to the Departments of Asian Studies and Fine Arts for the use of their superb library resources.

University Advertisements

The major advertising of Extra-Sessional Studies courses occurs twice a year in a full page advertisement in the major Lower Mainland newspapers. This year, the retrenchment spirit led to asking other campus departments if they would join in the production of a two page flyer insert, an advertising vehicle which should provide more reader awareness. It has the added benefit of being more economical than individual departmental ads.

We considered several factors to be of prime importance: to provide a positive public image; to encourage wider participation in advertisements of departmental programs, especially of small departments with low budgets; to assist the public in knowing about programs (free and credit) available at UBC.

Providing a positive public image meant producing a polished piece of advertising of which the University community could be proud. To this end, we employed a commercial graphic design artist. To tie in with the desire to publicize free programs at UBC, we headed the flyer 'It's Your University' and tried to diversify, as much as possible, the front page, mixing free programs, sports events, and information about UBC.

The success of the flyers was indicated by the response, through both phone calls and a Request for Information coupon. The returned coupons showed interest in several departments. The Centre for Continuing Education received 636 replies, the Office of Extra-Sessional Studies received 224, and other departments received 39.

It is now clear that there is a need on campus to provide quality advertising at the lowest possible cost. Small departments as well as large have benefited from the publicity in this unified effort which we plan to continue.

Winter Session

The number of part-time students registered in the 1981-82 late afternoon and evening Winter Session courses was 3,608. Of this number 2,041 were taking only evening or late afternoon courses, the remaining 1,567 were taking at least one daytime course. This figure (3,608) represents an increase of 215 student registrations (6%) over 1980-81 and is the highest part-time student enrolment of any previous Winter Session.

A total of 538 courses beginning after 4:30 p.m. were given through either this Office or as departmental, on-load offerings. These courses enroled 9,460 students, 5,852 of whom were full-time students, an increase of 18 over 1980-81. In addition, 75 courses were offered by the Faculty of Education's Field Development Office in 33 centres around the province.

Only nine of the extra-sessional courses offered on-campus were cancelled. Many courses that enroled minimal numbers of part-time students were kept on because of the significant number of regular students enroled. For example, of the 1,960 students enroled in on-campus extra-sessional courses, 851 (43%) were regular day-time students and 1,109 (57%) were part-time students.

It is significant to note that of the total of 212 part-of-load courses offered on-campus after 4:30 p.m., 35% were Faculty of Arts courses and 51% were Faculty of Education courses.

The Faculty of Arts enroled 1,328 students in 900-section courses; of these 716 (54%) were part-time students and the remainder, 612 (46%), were regular day students. In addition, the Faculty enroled 1,408 students in 001-sections. Of this number 588 (42%) were part-time students and the remainder, 820 (58%), were regular day students. Of the 125 3-unit equivalent courses offered after 4:30 p.m. by the Faculty of Arts, 62.3 (50%) were 900 (over-load) sections and 63 (50%) were 001 (part-of-load) sections. There were 12 3-unit graduate courses offered that enroled 102 full-time students and 17 part-time students.

The Faculty of Education enroled 410 students in 900-section, on-campus courses; of these 230 (56%) were part-time students and the remainder, 180 (41%), were regular day students. In addition, the Faculty enroled 1,446 students in 001-sections. Of this number 347 (24%) were part-time students and the remainder, 1,099 (76%), were regular day students. A further analysis shows that this faculty offered 37 of 56.5 undergraduate courses and 69 of 73 graduate courses as part-of-load.

The Faculty of Commerce and Business Administration offered a total of 17 undergraduate and graduate on-load sections that enroled 405.5 full-time students and 11 part-time students.

The Faculty of Science offered 3.16 900-section undergraduate courses that enroled 46 full-time and 61.2 part-time students. This faculty also offered a total of 7.3 undergraduate and graduate on-load courses that enroled 194 full-time students and 61.5 part-time students.

Of the 3,608 part-time day/evening and evening only students:

70.57% were women

58.40% were teachers

52.03% were from Vancouver

33.49% were not pursuing a degree

9.62% were completing their degrees

28.97% were between 20 and 29 years of age

41.25% were between 30 and 39 years of age

25.61% had attended the previous Summer Session

41.37% stated that winter evening courses were their favourite type of course

41.37% had no post-degree study intentions.

Spring Session

The 1982 Spring Session enroled 3,600 students. This represents an increase of 27 students (0.8%) over the 1981 enrolment of 3,573. In the 1982 Spring Session there were 123 on-campus undergraduate sections and 19 graduate sections. Off-campus there were nine undergraduate courses offered and three graduate courses. In all there were 154 sections offered this year as compared to 169 last year. These 154 sections represent 121.1 3-unit equivalents. The average enrolment per undergraduate section was 29.01 compared to 23.97 in 1981. The 22 graduate courses held enroled an average of 13.54 students in each section compared to 10.8 students per section in 1981.

In this session, 70.62% of the students had attended the previous Winter Session on a full-time basis, and 14.72% attended part-time. Female students made up 54.83% of this session, 61.47% of the students were between 20 and 29 years of age, and 16.15% were between 30 and 39 years of age.

The Faculty of Arts enrolment increased from 2,153 in 1981 to 2,208 in 1982. The Faculty of Science enrolments have decreased from 525 in 1981 to 364 in 1982. This decrease was largely due to only two sections of Computer Science being offered as opposed to four sections in 1981.

The Faculty of Commerce and Business Administration offered 19 courses in 1982 compared to 23 courses in 1981. However, along with the decrease of four courses, enrolment in this faculty increased from 473 in 1981 to 520 in 1982.

The Faculty of Education offered 20 sections enroling 463 students, a 6% increase over 1981. The Faculty also offered nine courses off-campus to 126 students.

The session, then, had approximately the same number of students attending, but as the number of courses offered was less by some 15 courses, the average class size increased.

Of the 3,600 students attending Spring Session:

54.83% were female

11.08% had signed up for a Summer Session course

9.01% were teachers

68.69% were students

82.77% were from Vancouver

3.29% were not pursuing a degree

27.66% were completing their degree requirements

61.47% were between 20 and 29 years of age

16.15% were between 30 and 39 years of age

70.62% had attended the previous Winter Session full-time

14.72% had attended the previous Winter Session part-time

35.10% stated that Spring Session courses were their favourite type of course

25.95% had no post-degree intentions.

Summer Session

The 63rd Summer Session of the University enroled 4,255 students compared to 4,209 students in 1981. This represents an increase of 46 students (1.09%). Even so, this figure is the highest enrolment since 1971. It is still valid to say that over the past six years, Summer Session enrolments have become relatively stable.

Of the 4,255 students enroled in the 1982 Summer Session, 912 students were registered in Arts, 221 in Commerce, 493 in Science, and 1,891 in Education. It is interesting to note that 384 (9%) were non-degree students and 62 (2%) were on other degree programs than those mentioned.

The average enrolment (3-unit equivalents) in 190 sections was 18.23 for an undergraduate course and 10.1 in 55 graduate courses.

In the 1981 Summer Session, 312 sections were offered. This is an increase of 16 sections over the 1981 Summer Session. Twenty-five sections had to be cancelled because of low enrolment or lack of instructor. Most of these cancellations occurred in the Faculties of Arts and Education, and are not out of the ordinary for the average Summer Session.

The Faculty of Education taught 169 sections (125.06 3-unit equivalents) in the 1981 session, compared to 147 courses (109.16 3-unit equivalents) in the previous summer. Included in the 125.06 3-unit equivalents were 70.56 undergraduate courses and 54.5 graduate courses. Fifteen courses were cancelled due to low enrolment or lack of instructor. Nine off-campus courses were taught, enrolling 150 students. These courses were taught by the Department of Industrial Education at UBC's facility in Burnaby.

The Faculty of Arts offered 99 sections (86 3-unit equivalents) in the session, compared to 96 sections (95 3-unit equivalents) in the 1981 Summer Session. Included in the 86 3-unit equivalent sections were 81 undergraduate and five graduate courses. Ten courses in the Faculty of Arts were cancelled.

The Faculty of Science offered 27 sections (14.5 3-unit equivalents), and enroled 866 students (478.7 3-unit equivalent students).

Other faculties to offer summer courses were: Commerce - seven courses (176 students) and Medicine - one course (31 students).

Of the 4,255 students attending Summer Session:

59.01% were female

40.69% were teachers

57.25% were from Vancouver

4.19% were not pursuing a degree

25.17% were completing degrees

45.55% were between 20 and 29 years of age

29.36% were between 30 and 39 years of age

8.31% were under 20 years of age

43.86% had attended the previous Winter Session full-time

14.13% had attended the previous Winter Session part-time

39.07% stated that the summer day courses were their favourite type of course

20.75% stated that they had no post-degree intentions.

Directed Study Abroad

The Office of Extra-Sessional Studies was charged with the responsibility for administration of the Degree Credit Courses Abroad, entitled Directed Study Abroad (DSA), on August 31, 1977. The objectives of the Directed Study Abroad program are to provide students with an academically sound learning experience in a setting which will further enhance the stated objectives of the equivalent credit course offered on campus. Thus Directed Study Abroad credit courses are distinct from non-credit Educational Travel Programs offered by the Centre for Continuing Education.

Two courses were approved by the Extra-Sessional Studies Coordinating Committee for 1982. They were Planning 540, Urban Planning Project, which was held in Jerusalem and a combined Physical Education course, including 455, 499, 530 and 598, emphasizing the study of sports delivery systems in China. The Planning course enroled 19 students and the Physical Education course enroled five.

EXTRA-SESSIONAL ENROLMENT 1981-82

	Sections	Students
Winter Session	187	3,608
Spring Session	154	3,600
Summer Session	312	4,255
TOTAL EXTRA-SESSIONAL ENROLMENT		11,463 *

* In addition to regular credit students there were 45 Dean's Special Audit Students registered in 1981-82.

GUIDED INDEPENDENT STUDY

Degree Credit Courses

Highlight of the year for the Director and staff of Guided Independent Study was the Twelfth World Conference of the International Council for Correspondence Education which the Director hosted. Held on the UBC campus in June 1982, the conference provided a unique opportunity for Canadian educators concerned with distance education to learn at first hand about developments throughout the world. The week long conference was attended by over 450 delegates from 55 countries.

In other respects, the year was a discouraging one because of sharp budget cuts. After seven years of growth in the quality and availability of courses and services, UBC students in correspondence courses are now facing curtailment of both available courses and services.

Three Arts courses have already been closed as the direct result of the elimination of funding for course revision and updating. In the normal course of events at least a dozen courses per year require minor revisions to keep them up-to-date or to accommodate new editions of textbooks. In order to retain at least those courses that have high completion rates and which are in high demand, every effort is being made to find special sources of funding. We are exploring the ways and means of selling rights to reproduce existing UBC courses to other universities and colleges and, to cut costs, we have arranged for one course, Economics 100, to be revised jointly with the Open Learning Institute.

This year there were 1,457 students registered in Guided Independent Study credit courses. This is an all-time high and, with 70% of these students in Arts courses, it seems self-evident that we should retain as many of the high quality courses as possible. It is also important that we continue to provide the level of service to which students in the program have become accustomed. However, with staff reduction from nine to six people, it has only been possible to maintain good service in the past few months because of the considerable commitment of the remaining staff and concerted efforts to streamline the operation. During the coming year we will have to start cutting services; this will be extremely difficult when the division's primary objective has always been to provide the highest possible level of service to students.

Certificate and Diploma Credit Courses

Both certificate programs with guided independent study components were closed during the past year. The program leading to a Certificate in Criminology was closed to new students on April 1, 1982. Students already enroled are allowed until June 1986 to complete requirements for the Certificate. The Early Childhood Certificate Program is also closed to new students, but the Guided Independent Study courses are being maintained to allow students previously enroled to complete the program. Early childhood courses will continue to be available on a non-credit basis. In addition, the two correspondence courses required for students in the Social Work registration program were closed effective December 1, 1981. Although all these closures were coincidental, the changes will enable the remaining staff members in Guided Independent Study to cope more effectively with the large and expanding degree credit program.

At the same time, the role of Guided Independent Study in the Diploma Program in Adult Education is growing. Two of the five courses scheduled for development were completed recently and seven students have already enroled. Contracts for the development of the remaining three courses are now under negotiation.

Non-Credit Courses

Two of the three audio-tutorial courses in the Learning Skills Program were revised during the year. Revised versions of Writing Improvement and Reading Comprehension are now available and a new marketing strategy has been employed.

Freelance Writing, which opened in January 1982, has proven to be a highly successful course. Already 46 students have enroled, and unless a second tutor can be found, it may become necessary to limit enrolment.

In order to reduce the demands on limited staff in Guided Independent Study, management of some non-credit courses has been shifted to other divisions in the Centre for Continuing Education. Planning for Retirement was revised to become a self-study course and has been turned over to the Retirement Education division for marketing and management. In addition, the two courses developed for professional planners are now being administered by the Urban Planning division.

GUIDED INDEPENDENT STUDY REGISTRATIONS 1981-82

Degree Credit Courses	1,457
Certificate and Diploma Credit Courses	157
Non-Credit Courses	175
TOTAL REGISTRATIONS	1,789

CENTRE FOR CONTINUING EDUCATION

The Centre for Continuing Education is responsible for the general non-credit continuing education program on behalf of the University. It also is in charge of the Guided Independent Study program. Several professional faculties and schools exercise their option of organizing their continuing education programs in cooperation with and through the Centre:

FACULTY OF APPLIED SCIENCE

SCHOOL OF ARCHITECTURE

SCHOOL OF COMMUNITY AND REGIONAL PLANNING

SCHOOL OF LIBRARIANSHIP

DEPARTMENT OF COMPUTER SCIENCE

ADULT EDUCATION DIVISION OF THE DEPARTMENT OF ADMINISTRATIVE, ADULT AND HIGHER EDUCATION

Two units of the University, the BOTANICAL GARDEN and the MUSEUM OF ANTHROPOLOGY, in addition to their other activities reported elsewhere in this report, also offer many courses for the general public in cooperation with and through the Centre.

Several other academic units of the University cooperate with the Centre in offering part of their continuing education program:

FACULTY OF EDUCATION

FACULTY OF FORESTRY

SCHOOL OF HOME ECONOMICS

Continuing education activities in general non-credit education and in professional continuing education in the above areas are included in this section of the report.

Overview

The general deterioration of the economic situation in British Columbia during this year, and the retrenchment forced onto the University in the fiscal year starting on April 1, 1982, had their adverse effects on Centre programs and on participation. The report for the previous year, 1980-81, included a statement that for the first time in several years participation in programs and other activities offered by the Centre increased only by 0.96%, whereas during the prior last few years participation had been increasing by 7-15% per year. This year, 1981-82, the total participation figure for all Centre activities was 47,386 compared to 53,029 in the previous year, a decrease of 5,643 or 10.64%.

The decrease in participation was most dramatic in continuing education in the professions, from 19,752 last year to 12,247 this year (-37.99%). Women's Network membership dropped from 1,029 to 925 (-10.10%). General education programs held their own with a slight increase from 20,697 to 21,011 (+1.51%), Guided Independent Study grew by 16.24% from 1,539 to 1,789 and the use of the services of the Women's Resources Centre increased by 14% from 10,012 to 11,414.

It is gratifying and reassuring that, in spite of the difficult economic position many adults in B.C. find themselves in, they still value their own development and education through non-credit liberal education.

The unprecedented fall off in participation in continuing education in the professions is a direct result of the value assigned to professional development by employers and employees. During the boom years in the economy, employers were allocating increasing resources to professional development and in-service training, and the employees came to expect that the full cost of such activities should fall onto the employer. With the worsening recession, the employers came to cut out of their budgets allocations for training and development, including in many instances even release time for the employees, and the employees at this stage in the development of continuing education do not seem to be prepared to assume the burden of their professional as distinct from personal development. Under the pressure of reduced income, many self-employed professionals also seem to have cut back on their professional development. The one significant exception are the architects who, although they are one of the professional groups most affected by the recession, have participated extensively in programs offered by the Centre in cooperation with the Architectural Institute of B.C.

In view of developments in recent years in the field and in other post-secondary institutions, the Centre decided to phase out two certificate programs. The Certificate in Education for Young Children will be phased out by 1984 and the Criminology Certificate by 1986. The clientele in these programs, which the Centre has pioneered, is now well served by other programs and there no longer is a need for the UBC programs. Similarly the Centre phased out this year its professional continuing education program in Gerontology, and decided to scale down considerably next year its professional development program for adult educators.

The Centre's involvement in televised programs increased dramatically this year. We have continued with the highly successful long standing program on Vancouver Channel 10, "UBC Public Affairs", with 12 programs featuring UBC faculty on national and international topics. The Centre also increased significantly its participation in the Knowledge Network by offering an introduction to art "The Pyramids to Picasso"; a highly successful and rebroadcast program on urban agriculture; a taped program in computer technology; and a program with Heather Menzies "Women and the Chip", which attracted considerable attention.

General Education Programs

Summer Programs: Summer 1982 marked the third year in our effort to expand summer programming with the aim of providing excellent learning experiences for all members of a family, with the option of residential accommodation and day care on campus. The UBC Summer Learning Program grew from fewer than 100 courses offered in 1980 to 178 in 1982. The increase in enrolment from last year was from 4,144 to 4,836 (16.69%). The most marked increase was in humanities and daytime programs for adults, and in science courses for children. Our efforts to encourage an image of UBC as an enjoyable place for individuals and whole families to live and learn in summer was aided by the support of federal government tourism agencies and CP Air, through continent and world-wide dissemination of our summer program brochure.

Educational Travel and Field Study: The one program area which does not seem to be affected by the economy is our high quality educational travel and field study program. Among the successful educational travel programs offered this year were: "Egypt: An Archeological Study Tour", "Fiji Horticultural Tour", and "China: Sacred Mountains and Exotic Gardens". The Centre also has cooperated with the University of Edinburgh to offer a "Study Tour of Western Canada", with the participants coming from Scotland and the teaching staff from UBC. The highly acclaimed perennial field study programs held at the Bamfield Marine Biology Station, and in the Queen Charlotte Islands, again were filled to capacity, as was the annual tour to the Oregon Shakespearean Festival. The "New York Art Tour" again attracted overflow registration and two groups were scheduled.

English Language Programs: The Centre's programs in English for foreigners attracted 1,000 individuals this year, an increase of 57% over the previous year, with some of these students staying up to six months of intensive language training. In addition to individuals coming from a number of countries in Asia, Europe and Latin America, we have provided intensive language training to 89 electronics engineering students from the Osaka Electro-Communications University, to 65 Libyan students as preparation for vocational training in other Canadian institutions, and to 30 vocational instructor trainees from Zimbabwe. English Language Programs is the fastest growing program area in the Centre.

Language Programs and Services: Regular non-credit courses in French, Spanish and Japanese continued to attract a steady clientele and expanded again this year. An innovative and popular French immersion program was organized in cooperation with the University of Montreal; an intensive course in Vancouver was followed up by a three week immersion course in Montreal. Non-credit introductory courses for language teachers of adults were filled to capacity. Significant and innovative projects in developing spoken language courses and materials for adults, to be used in distance education, were initiated in French, Spanish, and English as a Second Language, in cooperation with the Open Learning Institute.

Daytime Programs: Attendance at courses and lecture series this year seems to confirm that our daytime audience appreciates art, literature, history and music and will attend events which feature articulate and stimulating lecturers from UBC faculty. We continue to try to offer a wide variety of topics and themes, but also to cluster our courses into groups of related or integrated content so that one course leads into another, or leads to a better understanding of another course. Thus many of the daytime courses this year had a Medieval theme. This will be followed by the Tudor and Renaissance periods in subsequent years. We had excellent attendance at the two noon hour downtown lecture series, "Six Who Stopped the World" (about 20th century thinkers), and "The Emeritus Lectures" featuring six retired UBC faculty. We continue in our efforts to further develop the noon hour series as a major program feature.

Creative Arts Program: Studio and art appreciation courses continued to be the focus in creative arts. Instruction was given in calligraphy, design, drawing, printmaking, graphics, fabric arts, jewellery, glassblowing, metalwork, sculpture, papermaking, photography and cinematography, music, dance and movement, and theatre. It is interesting to note that art appreciation courses are enjoying a renewed popularity while studio courses continue to attract good registration. A special fall event was a workshop "Shiva in Art and Dance" with Anjali, internationally known master of Indian dance. A workshop "Jewellery as an Art Form" with goldsmith Irena Brynner of Geneva was the highlight of the winter term.

The Mexico-Canada sculpture exchange program, initiated by the Centre in 1978, continued in the summer of 1982 with visiting Mexican artists conducting a workshop.

Energy Programs: The solar, self-help housing, and urban agriculture courses for the general public were updated and continued successfully. The "Urban Agriculture" course was videotaped for the Knowledge Network and received a great deal of favourable publicity. Well attended solar and self-help housing courses were held in Invermere and Smithers, in cooperation with regional community colleges. Three different programs were organized with the support of the Ministry of Energy, Mines and Petroleum Resources. "Energy Efficient House", demonstration program for builders, architects and developers, was held in Richmond and Sidney. A series of workshops on "Energy Conservation Principles and Practice for Municipal Management" was held in Cranbrook, Kelowna, Nanaimo and Terrace. The third project was the "Energy Fair" held in March in Vancouver's Robson Square.

Humanities and Sciences Programs: Among the highlights this year was the introduction to Canadian audiences of Dr. Peter Koestenbaum, Professor of Philosophy at San Jose State University and founder of clinical philosophy, and of Dr. Robert Kohlenberg, a clinical psychologist at the University of Washington. The workshops held by these two resource persons were offered for the first time in Canada. Dr. Koestenbaum gave a workshop on introduction to clinical philosophy and a second workshop "Consciousness and Courage". Dr. Kohlenberg gave two workshops on "Chronic Headache and Migraine Relief" designed specifically for chronic headache and migraine patients under doctor's care. The workshops generated considerable media interest and coverage which resulted in significant free public education on the nature and relief of severe headaches. An overflow audience attended a lecture by Marilyn Ferguson, author of The Aquarian Conspiracy. Other out-of-town lecturers also attracted sizeable audiences; among these were the cultural historian Dr. Theodore Roszak, the economist George McRobie, and author and psychologist Dr. John Welwood.

Social Science Programs: In addition to the usual programming in this area, we continued to develop a new program thrust aimed at Vancouver ethnic communities. In the previous year, the series dealing with Celtic art and culture were very well received. This year we offered a number of successful programs drawing on the rich heritage of a variety of ethnic groups: "The Irish Heritage", "The Vikings", "Vancouver Chinese Experience", and "Ukrainian Culture and Civilization". We were less successful with "Hungarian Language and Culture" and "Ethnic Contributions to Canadian Culture". The ethnic programs have been significant in developing new audiences in the community for our programs and for the University.

Summer Program for Retired People: Although limited financial resources reduced this program from six to four and a half weeks in length, both quality and attendance remained high. Thirty-two courses were offered this year and were enthusiastically received by the 750 participants. Special events this year included a five session evening recital series by young Vancouver musicians, organized by professor Robert Silverman. Language training courses, funded by New Horizons, were once again highlighted, focusing on French, Spanish and English as a Second Language. Teaching manuals which gave consideration to the needs of older language learners were prepared by instructors for the 1982 session. Because funding has been withdrawn from the program beginning in 1983 due to retrenchment, the future of this summer program is uncertain. An endowment fund has been set up in conjunction with the Alumni Association, with

funding anticipated from foundations and corporations. Participants themselves have assisted with generous initial donations. It is hoped that help will ultimately be provided to maintain this worthy and highly popular program.

Public Affairs Programs: Perennial programs such as "The International Scene", genealogical and family research programs and the "Water and Wastes School" continued to attract good audiences. In cooperation with the Vancouver Chapter of the Archeological Institute of America, we presented a well attended series "The Treasures of Alexander", which served as an orientation to the exhibition held in San Francisco. We continued to present the public service television program "UBC Public Affairs" featuring UBC faculty members in the programs broadcast on Vancouver Channel 10.

Women's Resources Centre and Women's Programs: The WRC provided service to approximately 11,000 women during this year. Besides our core groups dealing with confidence building, decision making, strategies for job search, and health, we have developed two very successful programs for women, one for women in mid-life and one on communication between mothers and daughters. Through our successful noon hour series, open house, numerous speaking engagements and community workshops, we have reached approximately 3,000 women. Fifteen new volunteer associates have been trained this year. Three graduate students from the UBC Counselling Department served a practicum at the Women's Resources Centre. At the end of August the WRC was visited by a group of 30 women leaders from the Tochigi Prefecture in Japan. Women's Programs continued to develop into new program areas. A needs assessment was done on the changing relationship between mothers and daughters. This gave rise to several new programs and a student project which has resulted in a Mothers and Daughters Manual. A major new program trilogy was begun on women and the microchip revolution. In cooperation with Computer Sciences, government funding was sought to bring Heather Menzies, author of Women and the Chip to Vancouver for several free public awareness programs. This is planned as the beginning of a series which will include a seminar with decision makers in the area of career information dissemination and counselling and a national computer literacy program.

Special Projects: The main development to emerge from Special Projects work in 1981-82 is a new program area, Communications and Media. After three years of satisfactory experiments in courses for journalists, writers, and clients interested in communications and applied learning technology, Centre policy incorporated this renewed emphasis on communication/media programs. Ten courses were held from January to August; several of those well attended were: "Travel and International Journalism" with the noted journalist David Levi, "Basic Research Techniques", and the "Business of Writing". Ten workshops and seminars are slated for the Fall of 1982.

Reading, Writing and Study Skills Centre: The Centre continued to offer a variety of courses, including "Reading for Speed and Comprehension", "Study Skills", "Improving Your Speaking Voice", "Spelling: Demons and Logic", as well as a number of vocabulary and composition courses. The "English Composition Workshops" helped prepare students for the UBC Composition Test. Through July a successful "Basic Skills" program provided students with an intensive review of reading, composition and study skills. The Centre introduced two new courses, "Writing Business Letters and Memos for Results" and "Writing Effective Reports", and plans are under way to develop new courses in the areas of research and practical writing.

Professional Continuing Education

Adult Education Training: This past year has been a troubled one for professional continuing education for adult educators. In the fall of 1981 only three of 14 programs, most of these standard popular courses in the past, attracted (barely) sufficient registration; the remaining 11 programs were cancelled. This resulted in a new strategy in programming in the winter and spring term, and 13 of 20 programs scheduled actually were offered. The real disappointment came in early June when we had to cancel the usually highly successful annual Chautauqua by the Pacific, featuring 18 workshops this year. It is clear that employers who support some 95% of the participants in the adult education training program had imposed severe restrictions on professional development funds. With the departure of the program director, Elayne Harris, at the end of August to accept appointment as Director of Extension Service at Memorial University in Newfoundland, we are examining closely the future of this program area sponsored jointly with the Division of Adult Education.

Continuing Education for Professional Librarians: Only one program was offered during the academic year, a two day program on "Librarians and Interactive Communications Technology". Some 110 librarians from around the province attended this workshop which was designed to introduce librarians to various interactive communication modes and to demonstrate their possible impact on libraries and librarians in the future. Continuing Education for Librarians may encounter some problems in the forthcoming year due to both 'frozen' and 'unfilled' positions within the School of Librarianship, and the resulting heavier teaching loads on the remaining faculty. Further, major cuts in public sector funding as it applies to libraries and in-service training funds, suggests that registrations at future programs could be significantly lower than usual.

Continuing Education for Architects: Continuing education for architects continues to be a strong and expanding area. Working in conjunction with the Continuing Education Committee of the Architectural Institute of B.C., nine programs were offered. Included were programs in Prince George and in Vernon, the first of what will be an expanded offering to architects living outside the metropolitan area. Enrolment in all programs has been strong and the downturn in design and construction activity has not been reflected in decreased numbers of participants.

Computer Science Programs: This program area continues to fill the growing need for computer literacy courses for both professionals and the general public. Although the economic downturn of major corporations has negatively affected the seminars designed specifically for data processing professionals--other professionals, small business managers, hobbyists, and the general public continue to be a strong market for our more introductory level courses and lectures. We have also expanded our in-house seminars to corporations and government departments. A major problem this year has been our limited access to the computer lab facility on campus. It is our intention to try to set up our own lab facility during 1982-83 to alleviate the problem and allow us to program extensively in a 'hands-on' environment.

Continuing Education for Engineers: The Faculty of Applied Science, in cooperation with the Centre for Continuing Education, continued with the extensive province-wide program of continuing education for engineers, of which the Diploma Program in Administration for Engineers is a significant part. The affiliated Diploma in Administration for Foresters produced its first two graduates this year. Engineering Programs as a whole served 654 participants; however, the

recession has had a significant impact on the proportion of out-of-town registrations.

Continuing Education for Home Economists: Working in cooperation with the Continuing Education Committee of the School of Home Economics, the Centre held its first special one day program for graduate home economists, "Home Economics in the Computer Age". The program drew many out-of-town participants, as well as a good representation of professionals from all aspects of the field in the Vancouver area. Upcoming events will be held annually or semi-annually, with delegates from all of the professional associations taking part in the planning.

Instructor's Diploma Program: 1981-82 was another busy year for the Instructor's Diploma Program. Enrolment increased steadily despite cutbacks in post-secondary education in B.C. Over 35 programs were delivered to colleges and institutes throughout the province. The Summer Session program was the largest in ten years with 230 instructors enrolling from all parts of B.C. and the Territories. This figure represents a 65% increase in participation over the previous year. Special programs were also delivered to three major corporate clients: Cyprus Anvil Mines, CP Air, and the Petroleum Industry Training Service. In addition, courses were also delivered under contract to Thebacha College in Fort Smith, Northwest Territories. This year we received the first group of CIDA sponsored tradesmen from Zimbabwe to train as vocational instructors. This project will continue for three years and involves a cooperative effort between us and the Vancouver Vocational Institute.

Gerontology/Retirement Planning/Older Worker Programs: Due to major shifts in the field and the development of a gerontology program at SFU, the Centre phased out this year its professional continuing education in gerontology. As with many continuing education programs linked with the business sector, in a time of recession retirement planning seminars are often seen as a "frill" and are terminated until times improve; thus this area has suffered somewhat during the past year. However, the broader concerns of older workers, such as early/late retirement, partial/gradual withdrawal from the work force, and retraining for new careers within or outside current place of employment are emerging in the work force. Our major developmental concern for the next year is to obtain funding to help companies understand and work with the concerns of older employees, to provide information, consultation, programming and to link researchers with companies requiring data collection and analysis.

Urban Planning Program: The fifth annual Spring School continued to be a major success. This series of short courses held on the UBC campus during May, for urban planners and associated professionals, has established itself as a welcome opportunity for B.C. planners. The one disappointment this year was the significant absence of out-of-province participants as budget cuts prevented travel. The surprising highlight of the year was the immediate overwhelming response of planners to two correspondence courses offered for the first time. With budget cuts everywhere, it is imperative we look toward expanding the correspondence course offerings. It was necessary to cancel, for the first time, the Annual Short Course which has been offered continuously since this program area was established; this was a major disappointment.

Women in Management and Women's Network Programs: Eileen Hendry, Director of Women in Management left the Centre at the end of March to accept appointment as Vice President of the Canadian Advisory Council on the Status of Women. Janet Fraser, Coordinator of the Vancouver Women's Network was appointed Director of both program areas. The highlight of the year was the exceedingly successful First National Women's Network Conference held at UBC in June.

Serving the Province

The Centre's service to the southern Interior (the Thompson, Okanagan and West Kootenay Regions) is largely coordinated through the UBC Interior Program office in Vernon.

Created by President D.T. Kenny late in 1975, the uniqueness of the Program lies in the opportunity for Interior citizens and professional groups to transmit their needs to the University and be served with educational programming tailored to local circumstances. Since 1974, close to 7,000 registrations have been logged for both general and professional non-credit programs.

The Program Director, resident in Vernon and working from a Kalamalka campus office, courtesy of Okanagan College, is now regarded as a local link between Interior citizens and the University for needs assessment, program planning and implementation, student-parent enquiries, consultation on Interior developments of interest to faculty, UBC Information Services, and the Alumni Association.

Twenty-five programs scheduled in eight Interior cities this year account for over 700 participants. A highlight of the year was a series of workshops in Cranbrook, Kelowna, Nanaimo and Terrace on "Energy Conservation Principles and Practice for Municipal Management", organized in cooperation with the Ministry of Energy, Mines and Petroleum Resources.

The Centre has also served other regions of B.C. both with general education and professional continuing education programs. Some of these activities were supported by special funds for non-metropolitan programs. The program areas most active in serving the province were Adult Education Training, Continuing Education for Architects, Energy and Conservation, Continuing Education for Engineers, Instructor's Diploma Program, Continuing Legal Education, and Urban Planning. Special "Lecture of the Art" series were arranged in Prince George in cooperation with the College of New Caledonia. The number of participants served in 171 programs in locations outside Greater Vancouver totalled 3,174.

Curriculum Development

Guided Independent Study in close cooperation with faculties and academic departments continued development of credit courses. Six new courses (two each in the Faculties of Arts, Education and Forestry) were developed this year. In addition, two non-credit correspondence courses were developed in early childhood education and retirement planning.

The Instructor's Diploma Program division developed a series of self-instruction booklets, published by the B.C. Ministry of Education (Introduction to DACUM; The DACUM Workshop; From Skill Profile to Objectives; From Objectives to Instruction).

The Language Institute developed three textbooks with audio cassettes Let's Speak Japanese (Levels I, II and III) and learning materials and teacher guides for French, Spanish and English as a Second Language for Older Learners, as a New Horizons project.

Honours and Awards

Dr. A. McGechaen, Director of Instructor's Diploma Program and B. Lund received an Award from the Canadian Association for University Continuing Education for

writing and producing for the B.C. Ministry of Education the Continuing Education Programmers Manual.

Eileen Hendry, former Director of Women in Management Programs and Janet Fraser, Director of Women's Network and Women in Management Programs, received an Award for Distinctive Programming from the Canadian Association for University Continuing Education for the Vancouver Women's Network.

Activities of Program Directors

Program Directors provided public service by serving as officers of professional and community associations and by providing free consultation to numerous community groups. The following are selected examples of this service:

Vince Battistelli continued to serve as Chairperson of the Education Information Consortium of the Lower Mainland. He also was appointed as member of the board of directors of World Literacy of Canada.

Audrey Campbell served as Vice President of the International Council for Correspondence Education and as Host of the ICCE Twelfth World Conference held at UBC in June. She also was UBC representative on the Project Advisory Committee of the ERIBC study "Learning at a Distance the New Technology".

John Edwards was appointed to the board of directors of the Vernon Jubilee Hospital Board.

Janet Fraser was Chairperson of the Management Committee of the Immigrant Resources Project and consultant to the regional office of the Secretary of State.

Elayne Harris was elected Secretary-Treasurer of the Canadian Association for University Continuing Education.

Anne Ironside continued to serve as board member and executive member of the Canadian Association for Adult Education and as Chairperson of the CAAE Committee on Learning and Corrections.

Sol Kort was elected to the board of directors of the Pacific Association for Continuing Education; he continues to serve also on the board of The Vanier Institute of the Family.

Jindra Kulich continued to serve on the editorial board of Convergence as well as book review editor for Learning and Lifelong Learning: The Adult Years.

Sandy McGechaen served on the Bursary Committee of the Pacific Association for Continuing Education and continued as Vice President of the Audio Visual Communications Association of B.C.

Gail Riddell was appointed B.C. executive representative for the Canadian Association on Retirement Planning.

Hank Rosenthal was appointed Chairperson of the Editorial Board for Canadian Jewish Outlook.

Ruth Sigal was appointed to the board of directors of the Vancouver Immigrant Services Society and continued as Program Committee member for the Family Services of Greater Vancouver.

CENTRE FOR CONTINUING EDUCATION

STATISTICAL SUMMARY OF PARTICIPANTS IN 1981-82

(Program Area and Type)

GUIDED INDEPENDENT STUDY	
Credit Courses	1,457
Certificate and Diploma Credit Courses	157
Non-Credit Courses	175
GENERAL EDUCATION PROGRAMS	
Lecture series	11,963
Single lectures	6,828
Short courses	1,763
Field trips	276
Educational travel	181
PROFESSIONAL AND TECHNICAL PROGRAMS	
Lecture series	2,011
Single lectures	799
Short courses	9,417
Field trips	20
WOMEN'S RESOURCES CENTRE	
DROP-IN AND PHONE-IN COUNSELLING	11,414
WOMEN IN MANAGEMENT	
Women's Network memberships	925
TOTAL REGISTRATIONS	47,386

CENTRE FOR CONTINUING EDUCATION

STATISTICAL SUMMARY OF PARTICIPANTS IN 1981-82

(Location of Programs)

GUIDED INDEPENDENT STUDY	1,789
GENERAL EDUCATION PROGRAMS	
UBC	13,518
Greater Vancouver	6,012
Province-wide	1,024
Field trips and educational travel	457
PROFESSIONAL AND TECHNICAL PROGRAMS	
UBC	3,865
Greater Vancouver	6,212
Province-wide	2,150
Field trips	20
WOMEN'S RESOURCES CENTRE DROP-IN AND PHONE-IN COUNSELLING	11,414
WOMEN IN MANAGEMENT	
Women's Network memberships	925
TOTAL REGISTRATIONS	47,386

CENTRE FOR CONTINUING EDUCATION

PROFESSIONAL STAFF

Director's Office

Jindra Kulich	Director
Vince Battistelli	Associate Director-Program Coordination
Kenneth Langland	Assistant Director-Administration
Genia Kaye	Administrative Assistant to the Director

Directors of Program Areas

ADULT EDUCATION/INSTRUCTOR'S DIPLOMA
Sandy McGechaen
Nigel Macklin
Elayne Harris

AGING & RETIREMENT EDUCATION
Gail Riddell

CE FOR ARCHITECTS
Gerald Savory

COMPUTER SCIENCE
Jane Hutton

CREATIVE ARTS
Sheila Maxwell

DAYTIME
Marcie Powell

EDUCATIONAL TRAVEL AND OVERSEAS PROGRAMS
MaryFrank Macfarlane

OFF-CAMPUS & CONTINUING ENGINEERING EDUCATION
A.L. Duff Macdonell

GUIDED INDEPENDENT STUDY
Audrey L. Campbell
L. Phillet (to 31 July 1982)

CE IN HOME ECONOMICS
Marcie Powell

HUMANITIES & SCIENCES
Sol Kort

INTERIOR PROGRAM
John G. Edwards

LANGUAGE INSTITUTE/INSTITUT DES LANGUES/ENGLISH DIVISION
Donald S. Mosedale

LANGUAGE INSTITUTE/INSTITUT DES LANGUES/FRENCH & MODERN LANGUAGES
David Browne

LIBRARIANSHIP
Gerald Savory

PUBLIC AFFAIRS
Gerald Savory

READING, WRITING & STUDY SKILLS CENTRE
Donald S. Mosedale
Janet Alexander

SOCIAL SCIENCES
Henry M. Rosenthal

SUMMER & SPECIAL PROJECTS
Philip E. Moir

URBAN PLANNING & CONSERVER SOCIETY
Robin S. Fried

WOMEN IN MANAGEMENT & CAREER DEVELOPMENT
E.M.H. Hendry (to 31 March 1982)
Janet Fraser (from 1 April 1982)

WOMEN'S RESOURCES CENTRE & LIFE STYLES
Anne Ironside
Ruth Sigal

EDUCATION OF YOUNG CHILDREN
Donald S. Mosedale

Associated Program Division:
CONTINUING LEGAL EDUCATION
Jack Huberman

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

Continuing Education in the Health Sciences is one of six divisions responsible to the Coordinator of Health Science; it is made up of the following:

Continuing Dental Education
Continuing Education in Human Nutrition and Dietetics
Continuing Medical Education
Continuing Nursing Education
Continuing Education in the Pharmaceutical Sciences
Continuing Education in Rehabilitation Medicine

Objectives

The objectives of the Division of Continuing Education in the Health Sciences are:

1. To assist the Faculties and Schools of the health sciences in their programs of continuing education by providing services including needs identification, program development, evaluation and administrative support services.

2. To initiate and support new teaching methods that facilitate and stimulate learning among members of two or more health professions.

3. To offer educational opportunities to assist in the planning and conducting of continuing health education programs.

4. To encourage and assist health professionals in the community to initiate their own continuing education activities and to provide them with faculty support when requested.

5. To offer consultative services regarding continuing education for health professionals.

6. To establish liaison with other groups providing continuing education programs in order to facilitate cooperative programming and coordinating of continuing education activities throughout the province.

7. To initiate and support research activities pertinent to the development of continuing education in the health sciences.

8. To encourage and participate in the development of health education programs for the public.

Progress Toward Achieving Objectives

During the academic year 1981-82, the program Directors, educational support staff, and administrative personnel met regularly, usually on a bi-weekly basis, as the Division's Executive Committee. Progress of each Division was reported and policies, objectives, and future directions were reviewed. In addition, the Directors met with their individual advisory committees and assisted with the planning of interprofessional offerings.

1981-82 was a very active and highly successful year in which a total of 314 learning events and activities provided educational opportunities and services to 13,442 participants. Progress towards meeting the Division's objectives with emphasis on innovative achievements is reported in detail in the following sections.

To Assist the Faculties and Schools of the Health Sciences in Their Programs of Continuing Education

Continuing Dental Education

Regional Coordinators: An annual training session for regional coordinators was attended by seven dentists from non-metropolitan communities in June. The Regional Coordinators Network now consists of nine dentists. Regional Coordinators planned 44 courses attended by a total of 1,247 participants during 1981-82.

Courses (On-Campus): The Division of Continuing Dental Education offered 32 on-campus courses attended by a total of 2,741 dentists, dental hygienists, certified dental assistants and others.

Courses (off-campus): One off-campus course was attended by 164 participants.

Evening Lecture Series: A series of four two hour evening lectures for dental auxiliaries continued to be extremely successful, attracting a total of 110 registrants.

Orthodontic Module: A concentrated 40 hour program to prepare Certified Dental Assistants and Registered Dental Hygienists to work as assistants to orthodontists was offered over five consecutive eight hour days and was attended by 40 registrants.

Satellite Programs: Five two hour programs were offered via the Knowledge Network's satellite system to dentists and dental hygienists in small communities throughout B.C. A total of 330 dental professionals registered for these programs.

Independent Study: A series of 18 high quality videotapes has been purchased to allow British Columbia dentists to use this medium for self-directed continuing education.

Study Clubs: Continuing Dental Education provided facilities and services to 120 members of ten study clubs. These study clubs provide individualized and small group instruction in theory and clinical skills in specialized areas of dental practice.

Total Participation in Continuing Dental Education: A total of 4,759 registrants participated in 91 UBC Continuing Dental Education learning events during 1981-82.

Continuing Medical Education

Lecture Series: The Wednesday evening lecture series begun in 1979 continued to be successful. A total of 31 two hour lectures were attended by 233 physicians between October 1981 and May 1982.

Satellite Programs: The Division of Continuing Medical Education offered two televised programs to British Columbia physicians via the Knowledge Network's satellite system: "Rheumatology for the Primary Care Physician" and "Management of Life Threatening Emergencies", which attracted a combined total of 204 registrants.

Courses (On-Campus): A total of 25 on-campus courses were offered to 1,891 registrants.

Courses (Off-Campus): A program on Sports Medicine held in Whistler attracted 88 participants.

Portable Courses: These courses are offered on request to physicians in non-metropolitan communities. A total of 18 such courses were offered for 404 participants on nine topics during 1981-82.

Community Hospitals: As in the past, an extensive community hospitals program was offered during 1981-82. A total of 752 physicians registered in 33 programs held in communities throughout the province.

International Symposium: A major symposium on "Peritoneal Dialysis" presented by internationally recognized experts in the field attracted 173 registrants from eight Canadian provinces, 21 states in the U.S.A., and five other countries.

Total Participation in Continuing Medical Education: A total of 3,745 registrants participated in 81 UBC Continuing Medical Education learning events during 1981-82.

Continuing Nursing Education

Post Basic/Post Graduate Nursing Programs:

(i) Post Graduate Program in Critical Care Nursing:
Level I: (Approved by the Registered Nurses' Association of British Columbia). Developed and implemented challenge examinations to measure mastery of both the theoretical and clinical components. The successful completion of these examinations now makes it possible for nurses with comprehensive critical care experience to: (1) validate their performance and (2) to qualify for admission into the Level II program without taking Level I.

A successful pilot project, a "Hospital-Implemented" Level I program was conducted by the Cowichan and District Hospital. The University of British Columbia's Critical Care faculty prepared two nurse clinicians from the Duncan Hospital to be the primary instructors and preceptors. During the five week program in Duncan, consultation and evaluative services were provided by UBC staff. This model will be repeated in the Okanagan region in 1982-83.

A Vancouver-based five week program was offered in January, 1982 for nurses employed in remote areas of British Columbia. This program permitted nurses from small hospitals, e.g., 100 Mile House and Summerland, to take the Level I program.

A part-time Level I program for employed nurses in the Vancouver area was initiated in Spring, 1980 and has resulted in more than 25 graduates

who have earned Level I certification. An additional 200+ nurses have participated in selected courses to update specific knowledge and skills.

Level II: Development of the Level II program was completed and the first program was conducted in 1981-82. Participants were predominantly from non-metropolitan hospitals (Kelowna, Prince George, and Kamloops). Sub-specialties selected by the students were medical surgical intensive care, and cardiovascular intensive care.

Funding for the full-time programs for non-metropolitan based nurses has been provided through student fees and a grant of $167,000 which was obtained from the Universities Council of British Columbia, Interior Programs Fund. The part-time program is completely supported by student fees.

North American Critical Care Certification is being explored through the American Association of Critical Care Nurses.

(ii) Post-Graduate Nursing Program in Hospital Infection Control:
This program was developed and implemented in Fall 1981-Spring 1982. The Director of this Division was invited to the Laboratory Centre for Disease Control in Ottawa to conduct a workshop aimed towards the development of a national curriculum to prepare Infection Control Practitioners.

The Registered Nurses' Association of British Columbia has reviewed this program and has awarded it "advanced education" status. Graduates of the program have received increased salary benefits.

Funding was provided through student fees and a small award from the British Columbia Lung Association.

North American certification is anticipated through the Association for Practitioners in Infection Control. The Director has been asked to provide consultation for the certification committee.

(iii) Post-Registered Nurse Program in Long Term Continuing Care:
The program was developed and implemented in the Spring, 1982, and was awarded approval as a pilot project by the Registered Nurses Association of British Columbia. Suggestions made by the Committee on Approval have been reviewed and revisions made by the planning committee, chaired by Rose Murakami, Director of Nursing, Extended Care Unit. The most significant change has been the addition of a management/leadership practicum to permit the student to more fully meet the objectives in those areas. The revised program is scheduled to start in October 1982.

Funding for the program's development was provided by a grant of $5,800 from the Ministry of Education which supplemented an early award of $5,000 from the Registered Nurses Association of British Columbia. The program is dependent on student fees entirely for the implementation costs.

(iv) Post-Graduate Program in Clinical Psychiatric Nursing:
Program development was completed with the awarding of a $5,800 grant from the Ministry of Education. The pilot project is scheduled for Spring 1983.

Satellite Telecourses: The communication Anik-B satellite has been widely used in the last year to present lecture courses both with and without an interactive phone-in question and answer segment. However, until January 1982 none of the programs presented had a clinical component. In order to determine whether it was feasible to present a clinically-oriented telecourse, the Director developed a course entitled "Nursing Management and Assessment of Cardiovascular Disease" to be used as a pilot project. Three non-metropolitan sites would be used and a regional nursing instructor would be recruited from each region to reinforce learning and to provide clinical consultation and supervision. A grant proposal was submitted to the President's Office and a special award was given for the project. The three sites chosen were Cariboo College in Kamloops, Okanagan College in Kelowna, and Northwest College in Prince Rupert. The program was offered in 15 sessions between January and June. At the conclusion, the 56 students were able to meet the theoretical and clinical objectives. The video-taped programs are presently being edited for reuse on the Knowledge Network and being considered for rental to hospitals and colleges.

Courses (On-Campus): A total of 37 on-campus courses were attended by 867 participants.

Courses (Off-Campus): Registration totalled 265 in ten learning events held outside the Lower Mainland.

Total Participation in Continuing Nursing Eduation: A total of 1,188 participants registered in 48 learning events offered by Continuing Nursing Education during 1981-82.

Continuing Education in Nutrition and Dietetics

Courses: Two lecture series were offered in 1981-82: "Current Topics in Dietetics 1981" which attracted 118 registrants, and "Update in Nutritional Biochemistry" which attracted 121 participants.

Satellite Programs: Six hours of televised programs were offered via satellite to 66 registrants.

Total Participation in Continuing Education in Nutrition and Dietetics: A total of 305 participants registered in the three programs offered in 1981-82.

Continuing Education in Rehabilitation Medicine

The Division of Continuing Education in Rehabilitation Medicine became active again in 1981-82 with a new Director accepting responsibility for the programs.

Total Participation in Continuing Education in Rehabilitation Medicine: During 1981-82, four courses were offered and were attended by 124 registrants.

Continuing Pharmacy Education

National Organization: The Director of Continuing Pharmacy Education was President of the Canadian Conference for Continuing Education in Pharmacy during 1981-82.

Independent Study Programs: The independent study program initiated in 1978-79 continued to flourish. A total of 1,028 registrations were received for the 15 programs offered.

Courses (On-Campus): A total of 790 registrants participated in 21 on-campus courses.

Courses (Off-Campus): A total of 15 courses were offered for 217 participants.

Regional Coordinators: An annual training session for regional coordinators was attended by 25 pharmacists from non-metropolitan communities. The Regional Coordinators Network now consists of 28 pharmacists in 26 communities. Regional coordinators planned a total of 32 courses attended by 620 participants during 1981-82.

Publications: The Director of Continuing Pharmacy Education participated in the development of several publications. Those published were:

Fielding, D.W. and B.C.A. Dinning, "Satellite Delivers Continuing Education in British Columbia", Canadian Pharmaceutical Journal, 1981, 114, 12, 452-454.

Fielding, D.W., "C.C.C.E.P. Looks Back Over Past Year", Canadian Pharmaceutical Journal, 1982, 115, 2, 76.

Total Participation in Continuing Pharmacy Education: A total of 2,680 registrants participated in 84 Continuing Pharmacy Education learning activities.

To Initiate and Support New Teaching Methods That Facilitate and Stimulate Learning Among Members of Two or More Health Professions

Interprofessional activities continue to be one of the most exciting and stimulating challenges faced by the Division. Such activities result both from careful planning and as a natural consequence of health professionals sharing a common working environment.

Courses

"Spinal Cord Injuries": this 2½ day program was co-sponsored by Shaughnessy Hospital. It attracted a total of 173 registrants including physicians, nurses, occupational therapists, physiotherapists, rehabilitation counsellors, emergency health personnel, and others.

"Adult Diabetes": this two day program was held in Victoria and was the first interprofessional course to be held outside Vancouver. A total of 268 registrants attended including physicians, nurses, dietitians, nutritionists, health educators, and others.

Lectureship

On October 22, 1982, Dr. Richard E. Pogue from Augusta, Georgia presented the Sixth Annual Dr. John F. McCreary Lecture on "Health Education and the Microcomputer: Revolution in Progress". Once again, the lecture was held during the day. Approximately 200 health professionals, health science students, and others attended.

Total Participation in Interprofessional Events: A total of 641 participants attended these three interprofessional events.

To Offer Educational Opportunities to Assist in the Planning and Conducting of Continuing Health Education Programs

Regional Coordinators

The Division of Continuing Dental Education held a one day training session to train new coordinators and to refresh the skills of those who were continuing. It was attended by seven dentists.

The Division of Continuing Pharmacy Education held a two day workshop attended by 25 of its coordinators.

Certificate Program in In-Service Education

This series of five courses had its second presentation this year. Minor revisions were made following the initial program. It continues to attract nurses from Washington, Oregon, and Alberta, as well as British Columbia. To date this program has prepared 30 nurse educators to design and implement programs in their agencies and/or regions. Funding for this program comes entirely from student fees.

Total Participation: A total of 32 health professionals participated in these two formal educational development programs. These figures were also reported under the professions responsible for the training.

To Encourage and Assist Health Professionals in the Community to Initiate Their Own Continuing Education Activities and to Provide Them with Faculty Support when Requested

Program Planning Guides

A total of 139 introductory handbooks on program planning were sold at cost to provide health professionals with a reliable reference to help them develop sound continuing education programs.

Consultations

Each of the Divisions provides advice and assistance to health professionals in the community who are planning continuing education events. Frequently this process involves suggesting the names of faculty and others who might act as speakers. Regional coordinators receive this kind of assistance on an ongoing basis.

This year the Director of Continuing Nursing Education provided consultation to the B.C. Lung Association on the education of Public Health Nurses in British Columbia, the Yukon, and the Northwest Territories in the area of tuberculosis in native populations.

To Offer Consultative Services Regarding Continuing Education for Health Professionals

Regional Coordinators

The Directors of Continuing Education in Dentistry and Pharmacy offer

consultative services of a variety of kinds to their regional coordinators on an ongoing basis.

Health Sciences Community

All members of the Division respond to requests from the health sciences community in British Columbia and elsewhere. Visitors have been received from Australia, New Zealand, and the United States, as well as from B.C. communities. The most frequent topics of consultations are planning, evaluation, and the interprofessional approach to continuing education.

To Establish Liaison with Other Groups Providing Continuing Education Programs in Order to Facilitate Cooperative Programming and Coordination of Continuing Education Activities Throughout the Province

Members of the Division established and maintained liaison with a variety of agencies and organizations involved in continuing education. These included, among others:

British Columbia Institute of Technology, Department of Continuing Education in the Health Sciences

Centre for Continuing Education, UBC

Continuing Legal Education Society of British Columbia

Canadian College of Health Service Executives

Douglas College Health Education Centre

Knowledge Network of the West

Vancouver Community College, Central Continuing Education Division, and Langara Campus

University of Victoria, Extension Division

Professional Associations and Teaching Hospitals

To Initiate and Support Research Activities Pertinent to the Development of Continuing Education in the Health Sciences

For some time the Division has been endeavouring to identify funds to support specific initiatives in research and evaluation. Of particular interest is examining the relationship, if any, between continuing education programs and the competence and performance of the health professionals who participate in these programs as learners. Considerable time and energy have been devoted to the writing of proposals and to meeting with interested individuals. Unfortunately, efforts to date have failed to secure the necessary funding.

To Encourage and Participate in the Development of Health Education Programs for the Public

Satellite programs offered via the Knowledge Network could be viewed by members of the general public who had access to them on cable television. Although public viewing poses certain problems because of the confidential nature of some of the material, telephone calls to the television studio indicated public interest in these and other health related programs.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

ACADEMIC AND ADMINISTRATIVE STAFF

The Division of Continuing Education in the Health Sciences was administered by a Committee consisting of:

Coordinator, Health Sciences
Dr. B.E. Riedel

Chairman of the Executive Committee, and Director of Continuing Dental Education
Dr. Malcolm F. Williamson

Director of the Division of Continuing Education in Human Nutrition and Dietetics
Dr. Indrajit D. Desai

Director of the Division of Continuing Medical Education
Dr. David S. Lirenman

Director of the Division of Continuing Nursing Education
Shirley L. Brandt

Director of the Division of Continuing Pharmacy Education
Dr. David W. Fielding

Director of the Division of Continuing Education in Rehabilitation Medicine
Laura Harvey

Executive Director
Robert C. Gobert

Administrator
David J. Miller

The individual Directors of the continuing education programs for each profession are appointed by and responsible to the Deans or Directors of the Health Sciences Faculties and Schools. Each Faculty and School provides support staff to its Director.

During 1981-82, assistance in planning and conducting continuing education programs was provided to the Directors by:

Continuing Dental Education
Jane M. Wong, Assistant Director

Continuing Pharmacy Education
Beverly C. Dinning, Assistant Director

Several of the Directors were supported by additional personnel engaged to work on specific projects.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

STATISTICAL SUMMARY OF ON-CAMPUS AND OFF-CAMPUS REGISTRATIONS IN 1981-82

Program Area	No. of On-Campus Courses	Registrations	No. of Off-Campus Courses	Registrations
Dentistry				
Courses	44	2,908	45	1,411
Lecture Series	1	110		
Satellite Programs			1	330
Human Nutrition and Dietetics				
Lecture Series	2	239		
Satellite Programs			1	66
Medicine				
Courses	26	2,064	52	1,244
Lecture Series	1	233		
Satellite Programs			2	204
Nursing				
Courses	37	867	10	265
Satellite Programs			1	56
Pharmacy				
Courses	22	815	47	837
Independent Study			15	1,028
Rehabilitation Medicine	4	124		
Interprofessional	3	641		
TOTALS	140	8,001	174	5,441

TOTAL ON-CAMPUS COURSES	140	REGISTRATIONS	8,001
TOTAL OFF-CAMPUS COURSES	174	REGISTRATIONS	5,441
TOTAL COURSES	314	TOTAL REGISTRATIONS	13,442

PROFESSIONAL PROGRAMS OF THE FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Professional Programs conducts the continuing education activities of the Faculty of Commerce and Business Administration. There are four Professional Programs divisions: Executive Programs, the Diploma Division, Certificate Courses, and the Real Estate Division. Executive Programs is concerned with short term, management seminars and conferences. The Diploma Division is responsible for long term, professional career training. Certificate Courses administers the office management and notaries preparatory courses. The Real Estate Division is responsible for licensing and continuing education to the real estate industry.

Dr. Fred H. Siller is responsible for the Faculty's continuing education activities as Associate Dean for Professional Programs. Reporting to Dr. Siller are Dr. Bruce C. Fauman of Executive Programs, Ms. Maggie A. Brady of the Real Estate Division, and Mr. Vern J. Ferguson of Certificate Courses.

Executive Programs

During the period September 1, 1981, to August 31, 1982, Executive Programs offered 71 management seminars to 1,245 businessmen and women throughout the province. These seminars covered a wide range of topics of interest to executives and managers from human resource administration to computerized management information systems. Vancouver seminars were held at the University and additional seminars were held in Abbotsford, Kelowna, Courtenay, Kamloops, Vernon and Prince George.

The E.D. MacPhee Executive Conference Centre continues to be a superior facility for Executive Programs. The Centre provides an excellent atmosphere for continuing business education.

During the year, Executive Programs continued to develop its relationship with industry in British Columbia and was successful in implementing a number of new course offerings throughout the province.

Diploma Division

The Diploma Division offers five professional development courses in conjunction with various professional associations. In total, 5,099 registrations were received in the Diploma Division during the period September, 1981 to August, 1982.

The Certified General Accountants' Course (C.G.A.), under the sponsorship of the Certified General Accountants' Association of British Columbia, remained the largest of the diploma offerings. There were 3,345 registrations in this program, which covers various facets of law, accounting, taxation, auditing, and other management subjects. There are approximately 95 lecturers and markers involved. The course requires five years to complete and may be taken by lecture or correspondence.

The Registered Industrial Accountants' Course (R.I.A.), sponsored by the Society of Management Accountants of British Columbia, also takes five years to complete. Graduates are specialists in management accounting and financial control. A total of 963 registrations were received during 1981-82.

The Marketing and Sales Management Diploma develops professional marketing managers. The course, three years in length, is sponsored by the Sales and Marketing Executives of Vancouver. This program enroled 148 students in 1981-82.

The Institute of Canadian Bankers' Course leads to a Fellowship in the Institute on the completion of approximately three years of study. The program is comprised of nine compulsory and one elective course. A Letter of Accomplishment is granted after the first three subjects are taken, the Associate of the Institute (AICB) after eight subjects, and the Fellow of the Institute (FICB) on the completion of ten subjects. The objective of the program, designed specifically for bank personnel, is to provide business education for those aspiring to hold, or already holding, managerial responsibilities within a bank. There were 593 registrations in this program in 1981-82.

The Graduate Admission Program (G.A.P.) is offered by the School of Chartered Accountancy through the Diploma Division. It is designed to assist university graduates to obtain the prerequisite requirements necessary for entry into the School of Chartered Accountancy. There were 50 students enroled in the Summer 1982 program.

Certificate Courses

Certificate Courses conduct the Preparatory Notaries Public Course and the Three Year Certificate Course in Real Property Office Administration.

The Preparatory Notaries Public Course is offered in conjunction with the Society of Notaries Public for Notarial candidates. The enrolment for 1981-82 was 54 persons.

The Three Year Certificate Course in Real Property Office Administration fills a general need in the real estate industry and a specific need for the Society of British Columbia Assessment Personnel. The course has been made a consideration in the advancement of individuals working for the British Columbia Assessment Authority and has been accepted by the Administrative Management Society as providing an exemption from a major segment of their educational requirements. The enrolment for the 1981-82 course was 15 persons.

Real Estate Division

The Real Estate Division provided professional training in four subject areas to over 3,200 students during 1981-82. Some courses were offered only in British Columbia while others were conducted on a national basis. The courses offered by the Division consisted of: The Real Estate Salesman's and Sub Mortgage Broker's Pre-licensing course, The Real Estate Agent's Pre-licensing Course, Mortgages: A Course for Lenders and Brokers, and the Urban Land Economics Diploma Course.

The Real Estate Salesman's and Sub Mortgage Broker's Pre-licensing Course was offered in four sections by correspondence. The year saw 1,645 students undertake the course by correspondence.

The Real Estate Agent's Pre-licensing Course was conducted on four occasions during 1981-82. Registration on the correspondence version was 427. An additional 56 students undertook the residential version of the course.

Mortgages: A Course for Lenders and Brokers, was offered on both the Fall and the Spring of 1981-82. A total of 358 students participated in this program as full-time correspondence students and an additional ten successfully challenged the examination. This course enjoys national participation.

The Real Estate Division's Diploma Program in Urban Land Economics enroled 781 individuals in 1981-82. As is the case with "Mortgages", the Urban Land Economics Diploma Program enjoys national enrolment.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

STATISTICAL SUMMARY OF REGISTRATIONS IN PROFESSIONAL PROGRAMS 1981-82

Executive Programs	
Seventy-one seminars	1,245
Diploma Division	
Marketing and Sales Management Course	148
Institute of Canadian Bankers' Course	593
Registered Industrial Accountants' Course	963
Certified General Accountants' Course	3,345
Chartered Accountants' Graduate Admission Program	50
Certificate Courses	
Preparatory Notaries Public Course	54
Real Property Office Administration	15
Real Estate Division	
Real Estate Salesman's and Sub Mortgage Broker's Pre-Licensing Correspondence	1,645
Real Estate Agent's Pre-Licensing Course	
Correspondence	427
Residential	56
Mortgages: A Course for Lenders and Brokers	
Correspondence	358
Accelerated	10
Diploma Course in Urban Land Economics	781
TOTAL REGISTRATIONS	9,690

PROFESSIONAL CONTINUING EDUCATION PROGRAM OF THE SCHOOL OF SOCIAL WORK

The Continuing Education Program in Social Work has two objectives. First, it is designed to enhance the knowledge and skills of social workers who already have a university degree in the discipline. Second, it is intended to provide educational opportunities for the substantial number of persons employed in the social services who lack professional education.

The Continuing Education Program is planned by a School Committee and is administered by a faculty member reporting to the School Director. Professor Ben Chud was in charge of the ongoing program.

The Continuing Education Program in Social Work included 27 courses with 513 registrations in 1981-82. The 1982 Conference on Family Practice, sponsored jointly by the five Western Canadian Schools of Social Work, attracted 385 persons, an increase of almost 33% from the previous year.

STATISTICAL SUMMARY OF REGISTRATIONS 1981-82

Continuing Education Courses	513
1982 Conference on Family Practice	385
TOTAL REGISTRATIONS	898

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF AGRICULTURAL SCIENCES

Since the creation of a division of Continuing Education and Communications in the Faculty of Agricultural Sciences, an increasing number of British Columbians have had access to, and attended, continuing education in the agricultural sciences.

In 1981-82 over 1,700 people attended Faculty sponsored academic courses, short courses, symposia, conferences, workshops, and seminars presented throughout the province. During the year the Interior Program expanded to include the Peace River area. As well, Faculty members in Prince George and Kamloops coordinated development and delivery of the academic and professional development program.

Besides participating in short courses and other offerings, Faculty members presented a great number of single lectures and talks on diverse subjects to community groups, teachers, young people, industry, professionals and consumer associations. Scientific exhibits, displays and tours assisted in keeping the public informed of ongoing activities and research.

Highlights of Faculty of Agricultural Sciences' continuing education activities are outlined below, along with a table which summarizes events and enrolment. The reported activities do not include those administered by the Centre for Continuing Education or Extra-Sessional Studies.

The Faculty of Agricultural Sciences has continued and expanded its Interior Program of academic and professional development courses. The program helps meet agricultural higher education needs throughout British Columbia. In 1981-82 programs were offered for the first time in the Peace River area and were well received. The Program is now well established in the Okanagan, Cariboo and Central Interior.

The Program is presented collaboratively with the Regional Colleges in each area and in cooperation with the B.C. Ministry of Agriculture and Food. Some events were jointly sponsored by other agencies. Faculty members located in Prince George and Kamloops respectively ensure that the program meets local needs.

Six credit courses were offered in non-metropolitan areas, two each in Kamloops, Prince George and Williams Lake. Students attend these courses as regular students on academic program, or as Dean's special audit students for professional development.

Four symposia and conferences were offered by the Faculty in off-campus locations: "Symposium on Local Agriculture: 1990 and Beyond" in Prince George, "Symposium on Grain Marketing Strategies: 1982" in Dawson Creek, "Perspectives on Hat Creek Coal: Conference and Field Trip" in Kamloops and Hat Creek Valley, and "Annual Poultry Production, Processing and Marketing Conference" in Langley.

Among professional development off-campus short courses and workshops were the following: "Extension Methods for Professionals", "Nutritional Management of Horses", "Greenhouse Propagation" and "Food for Life", all held in Prince George; "Genetics and Beef Breeding", "Beef Health" and "Horse Nutrition and Health" in Kamloops; "Advances in Soil Fertility" in Dawson Creek; "Microcomputers in Agriculture" in Kelowna; "Agriculture Workshop" on the Mount Currie Indian Reserve;

and the successful "Financial Management Workshop" offered this year in 41 locations throughout British Columbia. Two seminars were offered this year, "Range Utilization" in Cranbrook and "Third Annual Shellfish Aquaculture Information Update" in Nanaimo.

Three short courses on sheep were held in Langley, two introductory courses and an advanced course. A "Sheep Field Day" workshop was held on UBC campus.

The University campus was the location of the "1982 Beemasters' Short Course" and the 8th Food Science Workshop on "Sweeteners for Food" was held in Robson Square in Vancouver.

CONTINUING EDUCATION ENROLMENT*

September 1, 1981 - August 31, 1982

	Location	Date	Enrolment Credit	Enrolment Non-Credit
Academic Courses				
Agricultural Sciences 100	Prince George	Sept.11-12, 1981	6	9
Agricultural Sciences 110	Prince George	Sept.15-Dec.10, 1981	6	18
Agricultural Sciences 110	Kamloops	Jan.5-April 1, 1982	4	6
Animal Science 258	Kamloops	Sept.15-Dec.10, 1981	6	1
Plant Science 320	Williams Lake	Aug.31-Sept.11, 1981	12	9
Plant Science 320	Williams Lake	Aug.30-Sept.10, 1982	8	1
Symposia and Conferences				
Local Agriculture: 1990 and Beyond	Prince George	Nov. 28, 1981		30
Perspectives on Hat Creek Coal	Kamloops	Oct.14-16, 1981		120
Grain Marketing Strategies: 1982	Dawson Creek	March 19, 1982		132
Poultry Production, Processing and Marketing	Langley	April 27, 1982		34
Short Courses				
Extension Methods	Prince George	Nov.3-4, 1981		10
Nutritional Management of Horses	Prince George	Nov. 14, 1981		54
Greenhouse Propagation	Prince George	Nov.24-25, 1981		39
Genetics and Beef Breeding	Kamloops	Dec.3-4, 1981		5
Beef Health	Kamloops	Feb.4-5, 1982		18
Advances in Soil Fertility	Dawson Creek	Jan.26-27, 1982		72
Food for Life	Prince George	April 24, 1982		30
Horse Nutrition and Health	Kamloops	March 27, 1982		6
Beekeepers Short Course	Vancouver	March 15-24, 1982		38
Introductory Sheep Course	Langley	Oct.6-Nov.3, 1981		25
Advanced Sheep Course	Langley	March 9-30, 1982		10
Introductory Sheep Course	Langley	May 4-June 1, 1982		15
Workshops				
Sheep Field Day	UBC	November 14, 1981		40
Microcomputers in Agriculture	Kelowna	March 4, 1982		58
8th Food Science (Sweeteners for Food)	Vancouver	February 26, 1982		110
Financial Management Training	41 B.C. locations	Sept.1981-April 1982		582
Agriculture	Mount Currie	June 1-2, 1982		33
Seminars				
Range Utilizaton	Cranbrook	March 5, 1982		58
Shellfish Information Update	Nanaimo	May 8, 1982		115
		ENROLMENT: CREDIT:	42	
		NON-CREDIT:		1,678
		TOTAL:	1,720	

*Some programs were co-sponsored with other agencies.

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF EDUCATION

One of the commitments of the Faculty of Education is to make the University's instructional and research resources available to communities throughout British Columbia. The majority of off-campus Faculty of Education educational and technical assistance activities are coordinated by the Field Development Office. The purpose of this Office is to identify needs in B.C. communities, design activities to respond to those needs and bring together community needs and University resources.

Within local communities the major consumers of our offerings are teachers in local school districts. However, members of other organizations such as local providers of non-educational human services and business organizations also enrol. In the majority of cases instruction for courses is provided by faculty members from departments in the Faculty of Education. In some cases, qualified personnel from the community are appointed.

The ways in which services are provided in communities are summarized in three categories as follows: credit courses; non-credit activities such as workshops, seminars, and institutes; and special projects, both credit and non-credit.

Credit Courses

There are still many teachers in B.C. schools who have not completed their first degrees. Many off-campus courses are provided to help teachers move toward degree completion. Other teachers take courses to broaden their knowledge, gain skills to change careers or obtain credit for advanced degrees. Seventy-three credit courses with an aggregate of 140 units were offered in 28 locations in 1981-82; these courses enroled 1,268 participants.

Six of the courses were offered through an innovative collaboration among the three B.C. public universities, while an additional three courses represent collaboration between two of the universities.

As well as the courses noted above, there were 28 courses offered in the Yukon program and two courses offered via Anik-B, as described further on. These courses reached a total of 490 participants.

In addition to the off-campus credit courses offered by the Faculty of Education, the Office of Field Development arranged for three courses in the Faculty of Arts (two English courses and a Theatre course) to be offered in Prince George, Surrey and Terrace.

Non-Credit Activities

Non-credit activities are offered for professional development. They take the form of workshops, seminars and institutes, intended to reflect new directions and disseminate research findings in communities and local school districts all over the province. The considerable scope of our major non-credit activities can be seen on pages 46 to 50.

Ninety programs with 1,169 hours of instruction were offered in many locations throughout B.C., attracting 3,434 participants. These figures include activities

described under Special Projects below. Figures are not available for the numerous shorter presentations made by faculty members at workshops and conferences throughout the province.

Special Projects

Special projects are credit and non-credit activities that are experimental or ground-breaking in some way or that do not neatly fall into either of the other categories. At present, five major projects are coordinated through the Field Development Office.

Distance Education: An introductory course in special education was offered twice over the Knowledge Network. Two hundred and ten participants in 54 communities followed the 30 session broadcast.

Micro-Computers: Due to numerous requests for training concerning the use of micro-computers, the Field Development Office has hired a staff member to conduct both credit and non-credit courses in this area. Ten credit courses with an aggregate of 15 units were offered at seven sites to a total of 142 students. There were 18 non-credit programs with 220 hours of instruction located on 12 sites, with an enrolment of 534 participants. These figures are included in the credit and non-credit sections above.

Native Indian Teacher Aid Program: Workshops designed to train Native Indian persons as teacher aides have been conducted in four British Columbia communities. The 13 workshops with 223 hours of instruction served 119 participants.

Yukon Program: The Faculty of Education provides courses toward a B.Ed. (Elementary) degree in the Yukon. Persons who qualify for admission to UBC are able to obtain up to three years of credit toward a degree in Elementary Education. Twenty faculty members taught 28 credit courses with an enrolment of 280 students. Two students in this program graduated with a B.Ed. degree in 1981-82.

Needs Assessment: An instrument has been developed and a pilot project has been completed aimed at helping local school districts identify their training needs. This in turn promises to be of great assistance to UBC in planning future continuing education offerings. Needs assessments were conducted last year in three school districts.

Education Clinic

An important area of continuing education and community service is coordinated through the Education Clinic. Services include: test reviews for psychologists in local districts, training in psycho-educational assessments, and direct service to the public through counselling, remedial reading, and psycho-educational assessments.

In 1981-82, the Education Clinic sent 400 test reviews to local school districts, and served 20-25 clients per week with direct service in counselling, remedial reading, and psycho-educational assessments. The Clinic also offered a one week symposium on psycho-educational assessments, with 27.5 hours of instruction, which attracted 110 participants.

Summary of Faculty of Education Activities

Credit Courses: A total of 101 credit courses were offered on location at 29 sites plus two courses broadcast via Anik-B reached 54 sites. The grand total of enrolment was 1,758 students.

Non-Credit Programs: Ninety programs with 1,169 hours of instruction registered 3,434 participants in 38 locations.

Combined Credit and Non-Credit Total: The Faculty of Education in 1981-82 served a total of 5,192 persons through its credit and non-credit continuing education activities. More detailed information concerning these activities is shown in the following tables.

FACULTY OF EDUCATION

GEOGRAPHICAL DISTRIBUTION OF COURSES AND WORKSHOPS

REGION	CREDIT COURSES		NON-CREDIT COURSES	
Location	Courses	Units	Workshops	Hours
EAST KOOTENAY				
Cranbrook	0	0	1	12
Total	0	0	1	12
WEST KOOTENAY				
Castlegar	0	0	1	3.5
Grand Forks	1	1.5	2	21.5
Total	1	1.5	3	25
OKANAGAN				
Kelowna	6	13.5	2	9
Oliver	1	3	2	8
Salmon Arm	2	3	0	0
Total	9	19.5	4	17
MAINLINE-CARIBOO				
Ashcroft	0	0	1	5
Kamloops	9	15	1	6
Lytton	0	0	13	172.5
Merritt	1	1.5	0	0
Williams Lake	2	3	2	14
Total	12	19.5	17	197.5
FRASER VALLEY				
Abbotsford	5	7.5	0	0
Chehalis	0	0	3	42
Chilliwack	1	3	0	0
Hope	0	0	2	24
Langley	0	0	1	24
Maple Ridge	6	11.5	2	124
Total	12	22	8	214
GREATER VANCOUVER				
Burnaby	1	1.5	0	0
Coquitlam	2	6	1	10
Delta	2	3	0	0
New Westminster	1	3	0	0
North Vancouver	1	1.5	0	0
Richmond	2	3	0	0
Surrey	1	3	0	0
UBC	0	0	12	297
West Vancouver	0	0	3	20
Total	10	21	16	327

FACULTY OF EDUCATION

GEOGRAPHICAL DISTRIBUTION OF COURSES AND WORKSHOPS (cont'd)

REGION	CREDIT COURSES		NON-CREDIT COURSES	
Location	Courses	Units	Workshops	Hours
SOUTH COAST				
Bella Coola	0	0	2	19
Klemtu	0	0	5	85
Pender Harbour	0	0	1	1.5
Powell River	1	1.5	1	5
Squamish	0	0	1	5
Total	1	1.5	10	115.5
NORTH COAST				
Kitimat	0	0	1	10
New Aiyansh	0	0	3	96.5
Prince Rupert	3	6	3	15.5
Terrace	5	9	2	9.5
Total	8	15	9	131.5
NORTHERN INTERIOR				
Burns Lake	0	0	1	5
Mackenzie	1	1.5	0	0
McBride	0	0	1	5
Prince George	8	14.5	7	23
Quesnel	1	1.5	2	17
Smithers	1	3	0	0
Valemont	0	0	1	3
Vanderhoof	1	3	1	6.5
Total	12	23.5	13	59.5
PEACE RIVER				
Dawson Creek	0	0	2	10
Fort St. John	1	3	0	0
Total	1	3	2	10
VANCOUVER ISLAND SOUTH				
Nanaimo	3	6	1	3
Total	3	6	1	3
VANCOUVER ISLAND NORTH				
Campbell River	1	1.5	2	10
Courtenay	0	0	1	12
Parksville	0	0	1	3
Port Alberni	0	0	1	24
Qualicum	0	0	1	3
Total	1	1.5	6	52

FACULTY OF EDUCATION

OFF-CAMPUS CREDIT PROGRAM 1981-82

Departments	No. of Courses	No. of Units	Sites
Administrative, Adult & Higher Education	4	12	New Westminster, Smithers, Prince George, Surrey
Counselling Psychology	4	9	Coquitlam, Nanaimo, Prince George
Curriculum & Instructional Studies	10	16.5	Abbotsford, Burnaby, Chilliwack, Kamloops, Quesnel, Salmon Arm, Terrace
Education Psychology & Special Education	27	40.5	Abbotsford, Anik, Delta, Grand Forks, Kamloops, Merritt, Nanaimo, North Vancouver, Prince George, Prince Rupert, Terrace, Williams Lake
Language Education	9	24	Fort St. John, Kamloops, Kelowna, Maple Ridge, Nanaimo, Oliver, Prince Rupert, Vanderhoof
Mathematics & Science Education	5	12	Cranbrook, Kelowna, Richmond
Physical Education & Recreation	2	6	Maple Ridge
Social & Educational Studies	2	6	Penticton, Terrace
Visual & Performing Arts in Education	2	2	Maple Ridge, Prince George
Non-Departmental Programs:			
Microcomputers	10	15	Abbotsford, Campbell River, Kelowna, Mackenzie, Maple Ridge, Powell River, Prince George
Yukon Program	28		Whitehorse

TOTAL COURSES: 103

TOTAL REGISTRATIONS: 1,758

TOTAL SITES SERVED ON LOCATION: 29

TOTAL SITES SERVED VIA ANIK-B: 54

FACULTY OF EDUCATION

NON-CREDIT PROGRAM 1981-82

Departments	No. of Major Workshops	Total Hours	Total Attend-ance	Sites
Administrative, Adult & Higher Education	7	88	122	Coquitlam, Courtenay, Hope, Kamloops, Langley, Quesnel
Counselling Psychology	1	5	28	Burns Lake
Curriculum & Instructional Studies	12	109.5	317	Chehalis, Dawson Creek, Kelowna, Kitimat, Klemtu, Lytton, Prince George, UBC, Valemont
Educational Psychology & Special Education	12	137	384	Bella Coola, Cranbrook, Grand Forks, Klemtu, Lytton, McBride, Nanaimo, Prince George, Quesnel, UBC
Language Education	12	84.5	363	Campbell River, Castlegar, Grand Forks, Kelowna, Prince George, Prince Rupert, Terrace, UBC, Vanderhoof, Williams Lake
Mathematics & Science Education	5	49.5	85	Klemtu, Lytton, Oliver, Prince George, Terrace
Physical Education & Recreation	1	100	20	Maple Ridge
Social & Educational Studies	5	94	1,232	Oliver, Prince George, UBC
Visual & Performing Arts in Education	3	31	120	Maple Ridge, Prince George, Prince Rupert
Non-Departmental Programs:				
Microcomputers	18	220	534	Ashcroft, Bella Coola, Campbell River, Dawson Creek, Qualicum, Parksville, Pender Harbour, Port Alberni, Powell River, Squamish, UBC, West Vancouver

FACULTY OF EDUCATION

NON-CREDIT PROGRAM 1981-82

Departments	No. of Major Workshops	Total Hours	Total Attend-ance	Sites
Non-Departmental Programs: (cont'd)				
Native Indian Teacher Aid Program	13	223	119	Chehalis, Klemtu, Lytton, New Aiyansh
Education Clinic Symposium	1	27.5	110	UBC
TOTALS:	90	1,169	3,434	

TOTAL SITES SERVED: 38

FACULTY OF EDUCATION

STATISTICAL SUMMARY OF REGISTRATIONS 1981-82

	Locations	Participants
Credit Courses	32	1,758
Non-Credit Programs	38	3,434
TOTAL REGISTRATIONS		5,192

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF FORESTRY

Credit Courses

Five credit courses were offered first during 1980-81 and continued this year. All were in correspondence format, in cooperation with Guided Independent Study. Students came from all parts of British Columbia, Alberta and other provinces.

FORESTRY 270	Wood Anatomy and Properties I	23 registrants	(13 in 1980-81)
FORESTRY 280	Wood Products Manufacture	45 registrants	(29 in 1980-81)
FORESTRY 304	Silviculture	181 registrants	(103 in 1980-81)
FORESTRY 307A	Entomology	43 registrants	(26 in 1980-81)
FORESTRY 319	Forestry Economics	62 registrants	(24 in 1980-81)

Enrolment in the credit courses is included in the statistics of Guided Independent Study.

Non-Credit Courses

"Forest Policy with Peter Pearse", produced in cooperation with Guided Independent Study, is a 34 lecture course on videocassettes. It was made available as a forestry professional development course on location in three centres from September to December 1981. Local colleges (Camosun College, College of New Caledonia and Okanagan College) cooperated in this project by making their resource centre facilities available for both storing the tape libraries and for viewer access to the tapes; five persons took advantage of this opportunity. Registrants received an identification card from the Forestry Off-Campus Programs office, and this admitted them to the storage area and to viewing equipment. Registrants viewed the tapes according to their own time commitments, and within the constraints of other local users of the equipment.

Seven other short courses were advertised in the August-October period, aimed at the forestry community's professional development needs. None of these was subscribed sufficiently to run the course, and they were all cancelled (all seven were slated for locations outside the Lower Mainland).

Another short course, in computer modelling, heavily subsidized to cover costs, was advertised in April and May of 1982. It too could not attract sufficient registrants to warrant running the course.

These cancellations reflect the current state of the forest industry, and it is clear that when industry is in a retrenchment position, there is no support for professional continuing education. Further, it seems that individuals, faced with cutbacks and layoffs, will not and cannot undertake continuing education costs at their own expense.

Staff Cutbacks

In October of 1981, with the cancellation of courses in the professional development portion of the program, one full-time Secretary III was laid off, leaving a staff consisting of a Director (faculty member on overload basis), a full-time Assistant Director, and a Secretary II.

The intent of this reorganization was to focus on development of new forms of professional development programs (mini-correspondence units, for example) to be produced once the demand from industry has renewed (this turnabout was anticipated to occur within the year).

By June of 1982 no such turnabout had occurred, and a further reduction of staff took place: the position of Assistant Director was removed; this leaves a skeleton staff consisting of a Director on a ¼-time basis, and a Secretary II.

We are thus able to keep the office open, and ongoing information services available. The funds released from the Assistant Director's position will be used to wholly subsidize a number of short courses in the professional development program--all outside the metropolitan area.

PROFESSIONAL CONTINUING EDUCATION IN FORESTRY

STATISTICAL SUMMARY OF REGISTRATIONS 1981-82*

Professional Development Programs	
Videotaped Course	5
TOTAL REGISTRATIONS	5

* Enrolment in degree credit courses delivered at a distance is included in the total registration reported by Guided Independent Study elsewhere in this report.

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

COMMUNITY SPORTS SERVICES ADULT PROGRAM

The Community Sports Services of the School of Physical Education and Recreation operates a Spring and Summer program of adult instruction skills classes in golf, ice hockey and tennis. Utilizing the University's unique facilities and instructional personnel, these classes were created to provide adults with excellence in sport skill development. The classes also provided full- or part-time employment for 18 students.

Adult Golf Program: The 11 adult golf classes offered in the Spring and Summer enroled 66 individuals.

Adult Ice Hockey: The July and August ice hockey classes for novices, intermediate and advanced attracted 166 men and women.

Adult Tennis Program: The adult tennis program, consisting of evening classes, adult camps, adult weekend camps and early bird tennis classes offered during the summer months registered more than 1,000 participants.

COMMUNITY SPORTS SERVICES ADULT PROGRAM

STATISTICAL SUMMARY OF REGISTRATIONS 1981-82

Adult Golf Program	66
Adult Ice Hockey	166
Adult Tennis Program	1,000
TOTAL REGISTRATIONS	1,232

MUSEUM OF ANTHROPOLOGY: EXHIBITS AND PROGRAMS

The UBC Museum of Anthropology (MOA) offers a wide variety of educational and public programs for children, students, adults, senior citizens and other special groups. Museum staff as well as UBC instructors and other museum professionals participated in the cultural excursions and non-credit courses offered by the museum.

Non-credit training included lectures, workshops, identification clinics, and seminars on a wide variety of topics. As well, museum professional staff were available for consultation. Public programs included Sunday events and performances, demonstrations and special lectures which highlight or interpret parts of the collections or special exhibits. During the past year, two anthropological clowns performed on Sundays, demonstrations by native Indian youth on the traditional uses of Northwest Coast cultural resources were presented regularly, and a major highlight was the museum's program for the University Open House. Over 6,000 people came to the museum in the 1½-day open house which offered an Imagination Market of recycled materials for craft use, and two educational play potlatches performed by the Tony Hunt Fort Rupert Dancers. Photographs of artifacts in the collection and a booklet on "What is a Museum?" supplied free by the B.C. Provincial Museum, were distributed during the potlatches. A special exhibit on Conservation was mounted for the open house and information sheets were available.

Twenty-six single lectures sponsored by the museum attracted 1,280 participants. Lecture series relating to museum exhibits had 676 participants, another series of ten lectures attracted 510, 29 workshops, 18 of which were designed for training teachers, accommodated a total of 470 people. In addition to cultural excursions co-sponsored with the Centre for Continuing Education, the Museum of Anthropology coordinated the following tours which attracted altogether 120 persons: "Pacific Northwest Museums", "Kwakiutl Art", "Queen Charlotte Islands", "Legacy Artists Studios" and "Seattle Art Museum Excursion". Demonstrations served 6,750 people. Special performances and public events at the museum accounted for over 19,700 participants and specially arranged visits and tours through the museum galleries were attended by more than 18,000 visitors. The museum arranged 13 in-house exhibits including those mounted by students and volunteer associates, and 21 travelling and special exhibits. Total attendance at the museum for the period between September, 1981 and August, 1982 was 128,966.

The production of exhibits, based on UBC collections and on borrowed materials, is one major program of the Museum of Anthropology, and involves most of the staff. Artifacts from the museum collections were loaned to institutions in North America and Europe. The UBC Museum of Anthropology has become one of the most active university museums in North America, and is one of the few which straddles the boundary between its public and scholarly roles.

MUSEUM OF ANTHROPOLOGY

STATISTICAL SUMMARY OF PARTICIPATION IN PROGRAMS 1981-82*

	Attendance
Single Lectures	1,280
Lecture Series, Seminars, Workshops, Excursions	1,656
Demonstrations	6,750
Conferences/Congresses	1,195
Performances/Public Events	19,700
Escorted Visits/Tours	18,000
TOTAL	48,581

* Visitors to Museum exhibits, including art and travelling exhibits, totalled 128,966

UBC BOTANICAL GARDEN

During the academic year 1981-82, The Botanical Garden continued its active service to the University community, the general public, and to a number of professional groups.

One of our major projects is in the field of Horticultural Therapy. Over the past five years, garden staff have worked closely with the Health Sciences Centre at UBC to pioneer horticultural therapy programs throughout British Columbia and Washington State. This last year we provided in excees of 20 consultation/workshops to hospitals and to seniors and extended care facilities, which were developing their own programs. The highlight of our activities was hosting the 10th Annual Meeting of the National Council for Therapy and Rehabilitation Through Horticulture, held on campus. It was the first time this organization had held a meeting outside the United States; it attracted 150 registrants from Canada, the U.S. and Britain.

Another major program with far-reaching effects in the province is our involvement with the B.C. Nursery Trades Association. We have given nine specialized workshops for nurserymen, and have been instrumental in setting up an Education Certification Program within the Nursery Trades Association. The Garden also had an educational exhibit at the Nursery Trade Show at the P.N.E. explaining our new Plant Introduction Scheme. It is the first time a botanical garden has participated in such a show in Canada.

The Garden participated in the Vancouver Home and Garden Show in February, featuring home gardening ideas. The exhibit was manned daily by two Garden staff and two Friends of the Garden. In excess of 85,000 people visited the exhibit. The Garden staff gave 44 lecture/demonstrations on general gardening topics throughout the ten day show.

The Friends of the Garden gave 47 tours of the Garden to schools and other special interest groups. Garden staff talked to 12 garden club meetings during the year. The Friends of the Garden Fall Plant Sale for students and the university community was again well attended last Fall. Over 2,000 plant enquiries were answered by staff during the three day sale and six houseplant workshops were given in student residences.

The CBC television 12 week series featuring The Botanical Garden has been re-run again this Summer, leading to more visits to the Garden and enquiries to the Hortline. Some 5,000 horticultural enquiries have been handled this past year.

Garden staff have been involved in the People, Plants and Homes project (B.C. Housing Management Commission) in Vancouver and Victoria, giving workshops and judging gardens.

There were two major articles in "The Vancouver Sun" and the "Province" newspapers on the Garden.

In summary, while the Garden was severely hit by budget cuts this past year, it continues to serve the University and the community, carrying out to the fullest its theme "Plants and Man".

FREE PUBLIC LECTURES, COURSES AND SEMINARS

Many faculties, academic departments and institutes offer lectures and seminars which are open to faculty, staff, students, professionals in the field, and to the general public free of charge. Attendance at these events varies considerably from two to three non-university participants to several hundred in the larger public lecture series. The lecturers are UBC faculty or visiting professors.

It is very difficult, if not impossible, to have a record of literally hundreds of lectures and seminars held during the course of an academic year, and of the number of non-university participants. This report can only attempt to highlight the major public lecture series and to offer examples of other activities in this area which have attracted professionals and members of the general public. There can be no doubt, however, that these events constitute another important service rendered by the University to the community.

The Cecil H. and Ida Green Visiting Professor Lectures

A fund established by Cecil H. and Ida Green enables the University to bring to the campus outstanding scholars and researchers from Canada and abroad. In addition to being available for consultation and informal seminars for the university community, the visiting professors gave two or more free public lectures. The following were the visiting professors in 1981-82:

Professor Ronald P. Dore, one of the western world's leading authorities on Japan; Dr. Conor Cruise O'Brien, consulting editor of The Observer, London, who has had a distinguished career as a politician, author, historian, literary critic, diplomat and international civil servant; Dr. Peter Singer, professor at Monash University in Australia, who is well known for his work in the area of moral philosophy; Dr. Lawrence Stone, professor of history and Director, Shelby Cullom Davis Center for Historical Studies at Princeton University, a distinguished historian of Tudor and Stuart England; Professor Stafford Beer, Visiting Professor of Cybernetics at Manchester University, world renowned for his contributions to management science; and Dr. Gerald Wasserburg, professor of geological and planetary sciences at the California Institute of Technology, an internationally recognized authority on the applications of mathematics, physics and chemistry to problems of the earth and the solar system.

These outstanding visitors to the University gave a total of 16 public lectures which attracted audiences in excess of 4,100 people.

Faculty of Arts Distinguished Visitor Program

The Faculty of Arts, with the aid of special designated funds, continued this year the Distinguished Visitor Program under which 19 departments in the Faculty, as well as the Schools of Home Economics, Librarianship and Social Work brought to UBC outstanding scholars and artists.

Twenty-two distinguished visitors participated in close to 50 events, among these lectures, seminars, public lectures, concerts, performances, readings and a film showing, some of these held off campus and many attended by members of the general public.

Computing Centre Non-Credit Courses

As in previous years, the Computing Centre offered three series of free short non-credit courses on the use of its facilities. Thirty-six courses were offered this year. Total enrolment in these courses was 1,386. The courses are primarily directed towards UBC faculty, graduate students and staff, but are open to the public and attract a good number of off-campus participants.

Institute of Applied Mathematics and Statistics

The Institute organized three seminar series in 1981-82: the Applied Mathematics Seminar, the Statistics Workshop and the Optimization Seminar, held weekly during the Winter Session. The 75 scheduled sessions of these seminars and the workshop attracted faculty, students and members of the professions and the general public. The Institute also publishes the "I.A.M.S. Technical Reports" series, with 15 titles in 1981-82.

Other Selected Activities

The following are examples of conferences, seminars, short courses and other events organized by UBC academic departments and open to the public.

The Faculty of Forestry inaugurated this year a weekly seminar series on a broad range of topics of interest to faculty and students as well as to professional foresters and off-campus forest scientists. The 17 seminars scheduled in the first year presented a review of research activities of members of the Faculty of Forestry, and a variety of research and management topics given by off-campus speakers.

The Department of Chemistry produced three videotapes of its 1982 UBC Open House presentation "Chemistry Magic Show"; these tapes were broadcast during March and April by Vancouver Channel 10.

The new Asian Centre serves as an ideal setting for many lectures, seminars, exhibits, recitals and performances organized by UBC academic departments and student clubs as well as off-campus groups. Among events held at the Asian Centre were the following series of seminars sponsored by the Institute of Asian Research: "Ohira Commemorative Program Seminar Series", "China Seminar Series", Japan Seminar Series", "Southeast Asia Seminar Series" and "Canada and the Changing Economy of the Pacific Basin Seminar Series". The Asian Centre also continued to arrange regular performances of the Tea Ceremony, presented by Shoshin Watanabe and her students.

Among public lectures organized by the Department of Asian Studies were three lectures sponsored in cooperation with the President's Committee on Japanese Studies. Dr. W.R. Wilson from Seattle gave two lectures in March on heroic literature in Japan, and Professor Nakanishi, Seijo University, Japan, gave a lecture on "An Eighth-century Japanese Anthology".

The Department of Economics continued with the annual E.S. Woodward Lecture Series. Two public lectures in the series were given in March by Robert R. Russell, Professor of Economics at New York University and Director of the C.V. Starr Center for Applied Economics, on the themes of "Reaganomics: Chaos of Conflicting Ideologies" and "Can Wage and Price Controls Work?".

The Department of English organized a "James Joyce/Virginia Woolf Centenary Conference", and the English 100 Committee of the Department and the B.C. English Teachers Association (BCETA) jointly sponsored a conference on English teaching in secondary schools. The Chairman and Secretary of English 100 conducted a series of seminars for teachers and parents, held in Burnaby, Squamish, Vancouver and West Vancouver.

The Department of Fine Arts held in April the "7th Annual Fine Arts Graduate Student's Symposium". The UBC Fine Arts Gallery and the Museum of Anthropology jointly sponsored a health safety seminar for artists, "Doing Yourself In? The Artist as Casualty".

The Department of Geography conducted a seminar and briefing for Social Studies teachers in Vancouver in mid-February. In this meeting held on campus, members of the department outlined new UBC geography programs, explained entrance procedures and prerequisites, and demonstrated available facilities.

Members of the Faculty of Law participated extensively in the professional development program offered by the Continuing Legal Education Society which is included in the report of the Centre for Continuing Education. In addition, faculty gave lectures at the Vancouver People's Law School, on cable community television programs, and participated in in-service training for secondary school teachers on the subject of law.

In the Faculty of Applied Science, Civil Engineering Department co-sponsored the "Canadian Structural Engineering Conference" held in February and Geological Engineering Program sponsored a one day seminar in April on "Groundwater and Geotechnical Engineering".

The School of Nursing sponsored the annual Marion Woodward Lecture, this year on the theme "Transcultural Care: The Fourth Major Revolution in Health Services" given by Dr. Madelaine Leininger.

DEMONSTRATIONS, SCIENTIFIC EXHIBITS AND PUBLIC INFORMATION SERVICE

Several faculties and departments provided demonstrations and scientific exhibits for the public and also offered public information services on a large scale. The Department of Physics arranged radio telescope tours and tours of the TRIUMF facilities. The UBC Research Forest described below is another important demonstration facility, as is The Botanical Garden described in detail elsewhere in the report and featured again below in some of its functions, while the Faculty of Agricultural Sciences provided other public information services. Many academic departments participated in the Discovery Fair in Robson Square Media Centre as well as in programs of the B.C. Arts, Science and Technology Centre in Vancouver.

UBC Open Houses

Students in the faculties of Arts, Commerce and Business Administration, Education, Law and Science hosted this year's UBC Open House on March 12 and 13. The lectures, displays and demonstrations were aimed at showing the University's work in the areas of creative arts, humanities and sciences.

April 28 to May 1 the University presented a mini-Open House in Nanaimo. This exhibit, organized by the UBC Alumni Association, was held to complement the University Board of Governors May meeting held in Nanaimo. Designed to keep people in the region informed about programs and research activities at UBC, the exhibit featured many faculties and departments.

UBC Research Forest

The 5,157 hectare forest, established in 1949 and managed by the Faculty of Forestry provides optimal environment for research, education and demonstration in all aspects of the forest sciences.

A part of the UBC Research Forest is designated to serve as a Demonstration Forest for the use of schools and the general public in order to demonstrate forest management practices. Brochures are provided for self-guided tours, while guides are available to groups of 20 or more. In addition, staff is involved in an Outdoor Education Program for Schools, which includes a number of workshops for counsellors and teachers who accompany school groups using the UBC Forest. During 1981-82, Outdoor Education day visits accounted for 3,022 visitors, Outdoor Education residential visits accommodated 3,141 people, and 3,214 individuals participated in public tours.

Faculty of Agricultural Sciences: Information Services and Tours

In addition to providing popular exhibits such as the solar shed greenhouse model, and plant and disease advisory service, during the UBC mini-Open House in Nanaimo, the Faculty cooperated with The Botanical Garden in staffing the Hortline telephone advisory service. The Food Facts Information Service was another activity arranged by the Faculty.

The Department of Animal Science, in cooperation with the B.C. Dairy Foundation, offered free guided tours of the Dairy Cattle Teaching and Research Unit. These tours were provided on a regular basis during the Summer, and by arrangement through the rest of the year. Over 3,000 people participated in the tours this year.

Geophysics and Astronomy Displays and Tours

The Department of Geophysics and Astronomy arranged 130 tours accommodating some 1,800 participants to view the seismograph station and the 40 cm telescope. Daytime and nightime public programs, dependent upon sky conditions, were scheduled for the Observatory; approximately 1,000 persons took advantage of these opportunities.

Geological Museum

The Department of Geological Sciences operates the Geological Museum which accommodates many off-campus visitors each year. The Friends of the Geological Museum held quarterly public meetings on earth sciences themes, with attendance of approximately 120 persons each time.

The Botanical Garden

The wide-ranging activities of The Botanical Garden are described in detail elsewhere in the report. Only the major demonstration projects and public information services will be restated here. The Botanical Garden provides important annual demonstration shows at the Vancouver Home and Garden Show and at the Pacific National Exhibition; for the first time this year the Garden participated in the Nursery Trade Show, held at P.N.E. The staff of The Botanical Garden also is very active in a sizeable public information program via television, radio and newspapers.

PUBLIC CONCERTS, THEATRE PERFORMANCES AND ART EXHIBITS

The University of British Columbia contributes to the cultural life of the Lower Mainland and beyond through an increasing number of public concerts, theatre performances and art exhibits. The comprehensive activities of the Museum of Anthropology in this area were outlined earlier in this report. Listed here are primarily the activities of the Department of Music, Department of Theatre, and the Fine Arts Gallery.

Department of Music, Public Concerts

The Department of Music offers an extensive varied program of public concerts and recitals, both on and off campus. During 1981-82 the Department presented 16 faculty concerts, 110 student recitals and 47 ensemble concerts on campus attended by members of the university community as well as by the general public.

The UBC Chamber Singers gave 17 off-campus concerts in the Vancouver metropolitan area. During April 21 to May 3 the UBC Chamber Singers conducted choral workshops and gave concerts to a total of 4,880 persons in Oliver, Osoyoos, Trail, Castlegar, Kimberley, Nelson and Kaslo. The touring program which has been in operation for several years and which brought the University Wind Symphony, the University Singers and the Choral Union to many B.C. communities was suspended this year due to retrenchment budget cutbacks.

The Department of Music again hosted distinguished artists who gave public concerts. Among these were appearances by the Vega Wind Quintet, Purcell String Quartet, pianist Louise Bessette, soprano Montserrat Alavedra, sitar player Kathryn Hansen, Camerata d'Amici Woodwind Quintet, CBC Vancouver Orchestra, Vancouver Chamber Choir, pianist Pawel Checinski, Vancouver Baroque Ensemble, Cascade Consort, Musica Viva International, and Zheng Zheng Haw, one of the finest flutists from the People's Republic of China. In collaboration with the Royal Canadian College of Organists, the Department also presented well known New York organist, Gerre Hancock, in recital in March.

The distinguished early music specialist, Thomas Binkley, presented two concerts in October as part of a month long residency in early music performance. Two eminent artists, the young guitarist Michael Lorimer and violinist Oscar Shumsky gave both master classes and a concert during their visit to UBC, as did two chamber music trios, The Verdehr Trio and the Beaux Arts Trio.

The regular Friday afternoon Colloquium Series included the following guests from other institutions: Professor Brian Gooch, University of Victoria Department of English, and Professor Kurt von Fischer, Zurich University Department of Musicology.

The Department of Music and its University Symphony Orchestra again collaborated with the Vancouver Youth Orchestra in an orchestral workshop in March, culminating in a public concert under the distinguished guest conductor Maestro Kazuyoshi Akiyama.

Once again the Vancouver Society for Early Music and the UBC Department of Music jointly sponsored the Vancouver Early Music Program. This event is one of the major early music summer courses on this continent. The Advanced Level Courses

had members of Amsterdam's Quadro Hotteterre as the ensemble-in-residence. Also on the faculty were Monica Hugget, baroque violinist; Janet See, baroque flute; Paul Hillier, Director of London's renowned Hilliard Ensemble; and Paul O'Dette, lute. The one week Early Music and Dance Workshop saw the return of The Musicians of Swanne Alley as the ensemble-in-residence, as well as many well known west coast musicians: Bruce Pullan, tenor, who conducted the Madrigal Program, and instrumentalists Philip Dickey, Peter Hannan, Ray Nurse, David Ohannesian, Doreen Oke, and John Sawyer, as well as C. Lee, who gave instruction in historical dance. The Festival also saw the debut performance of a new vocal chamber ensemble, Spectrum, led by Ray Nurse. During the two week workshop a series of six performances were given by the faculty.

Other Public Concerts and Recitals

The Department of Asian Studies sponsored a concert of North Indian devotional songs by Rita Ray from India. In collaboration with the Deccan Cultural Society the Department also arranged for an evening of South Indian classical music featuring T.V. Sankaranarayanan (voice), C.S. Narayanaswamy (violin) and T.K. Murthy (mridangam) in November 1981 and an evening of South Indian classical music and dance with Charumati Ramachandran (voice), Lakshmi Viswanathan (dance), Lalita Raghavan (violin) and Ramnad Raghavan (mridangam).

Department of Theatre, Public Productions

Some 22,000 persons (students, faculty, staff and the general public) took advantage of the theatre productions sponsored by the Theatre Department. During 1981-82 the following plays were presented:

Frederic Wood Theatre

The Caretaker by Harold Pinter
(September 23-October 3)

The Italian Straw Hat by Eugene Labiche
(November 11-21)

The Firebugs by Max Frisch
(January 13-23)

The Tragedy of King Lear by William Shakespeare
(March 3-13)

Dorothy Somerset Studio

The House of Bernarda Alba by Frederico Garcia Lorca
(February 22-27)

M.F.A. Thesis Productions

The Misanthrope by Moliere
(October 13-17)

What the Butler Saw by Joe Orton
(May 11-15)

Stage Campus '82

The Sea by Edward Bond
(June 9-26)

Ten Lost Years by Barry Broadfoot - Music by Cedric Smith
(June 30-July 17)

Other Theatre Performances

The Department of Creative Writing presented "Sideshow", a performance of original skits and songs written by student playwrights and song writers.

The Musical Theatre Society, MUSSOC, presented South Pacific by Rodgers and Hammerstein. This production involved students from both the Theatre and Music Departments.

The Man Himself by Alan Drury was presented in the Dorothy Somerset Studio for the Theatre Students Association in a noon hour performance.

Readings

Prism Magazine, published by the Department of Creative Writing, organized readings by David Watmough, Karl Sturmanis, Donna Sturmanis, Dale Zeroth and Crispin Elsted. Prism also organized a bi-weekly series of off-campus readings at the Literary Storefront, where many of UBC graduate students in Creative Writing read their works.

UBC Fine Arts Gallery

The UBC Fine Arts Gallery presented six exhibits to the public during 1981-82:

September 9 - October 3	Jean Maddison: Images of the City - Lithography
October 7 - October 31	Paintings of Imperial and Princely India (originated by the National Gallery of Canada)
November 7 - December 18	Perspectives on Landscape - Photography (originated by the Arts Council of Great Britain)
January 6 - January 30	Richard Sewell: The Drint Suite, an Excavation of a Drawing
February 3 - February 28	The Birth Symbol in Traditional Women's Art from Eurasia and the South Pacific - Textiles (originated by the Museum of Textiles, Toronto)
March 3 - April 2	Maps of the Body - Anatomical Drawings (originated by Memorial University Art Gallery, St. John's, Newfoundland)

Other Exhibitions

The Asian Centre sponsored three art exhibits: Ukiyo-Es by Kunichika Toyohara from the Naokichi Oe collection, in September; Chinese Art and Calligraphy in October; and an exhibition of works of the Vietnamese Artist Tan Son Hia in February.

The Centre for Continuing Education sponsored an exhibit by Helen Griffin in early May and an exhibit of Chinese calligraphy introducing Johnson Chow to Vancouver audiences in early August.

MEETINGS OF LEARNED AND PROFESSIONAL SOCIETIES

The attractive UBC campus serves each year as the location for a number of international, North American, national and regional meetings of learned and professional societies. Many of these meetings, which among others satisfy the continuing education and professional development needs of their members, involve numbers of UBC faculty on planning committees and as resource people. Several of these meetings each year are officially co-sponsored by departments or faculties of the University. This category of the report attempts to outline examples of meetings of learned and professional societies which officially involved UBC units in 1981-82.

In the Faculty of Arts, the Department of Anthropology and Sociology hosted the Annual Congress of the Canadian Ethnology Society on May 7-12 and the First Annual Meeting of the Society for Applied Anthropology in Canada on May 11-12. The Department of Classics continued to coordinate and sponsor the program of the Vancouver Society of the Archeological Institute of America and of the Canadian Hellenic Association founded last year. The UBC Fine Arts Gallery, in cooperation with the Vancouver Art Gallery, hosted the Annual Meeting of the Western Canadian Art Association on May 12-15.

In the Faculty of Science, the Department of Chemistry hosted the 10th International Symposium on Fluorine Chemistry and the 11th International Conference on Carbohydrate Chemistry, both held in August. The Faculty of Science also was cooperating in the meetings of the American Society of Photobiology and the International Planetarium Association, both held in July.

The Department of Obstetrics and Gynecology in the Faculty of Medicine organized and sponsored the IVth International Workshops on Microsurgery in Gynecology, held August 2-7 and the International Symposium on Endocrinology and Infertility, on August 27-28.

The Guided Independent Study division of the Centre for Continuing Education hosted the Twelfth World Conference of the International Council for Correspondence Education in June.

PROVINCE-WIDE CONTINUING EDUCATION SERVICES

As in the past years, UBC faculties, schools and departments provided continuing education to non-metropolitan areas in 1981-82. This important activity occurred in credit courses as well as in non-credit continuing education, and much of it was aided by the provision of special designated funds for non-metropolitan programs from the Universities Council of B.C.

The Faculty of Education continued to offer the most extensive province-wide program with a total of 73 credit courses offered on location in 28 communities, serving 1,268 participants, as well as two courses delivered via Anik-B to 210 participants in 54 sites in B.C. In addition, the Faculty operated this year again the Yukon program with 28 credit courses offered in Whitehorse, with 280 students in attendance. The Faculty of Agricultural Sciences offered six credit courses, located in Kamloops, Prince George and Williams Lake, with a total credit enrolment of 42 students; in addition to regular credit students 44 deans special audit students took advantage of these courses.

Distance education credit courses serving all parts of the province through Guided Independent Study continued to expand in spite of major staff cutbacks resulting from this year's retrenchment. Overall enrolment increased from 1,299 to 1,457; all of this increase is due to the increase in enrolment in Forestry courses.

A number of faculties and departments contributed to the expansion of non-credit professional and general continuing education programs to many communities throughout British Columbia, while some professional programs suffered setbacks due to the state of the economy. The latter has been especially true of professional development programs in Forestry, Engineering and to a lesser degree in Education, Aging and Pre-retirement Programs.

The Faculty of Agricultural Sciences continued the expansion of its non-credit programs. Twenty-five programs on all aspects of agriculture were offered in nine locations outside of metropolitan Vancouver; these programs served altogether 1,096 participants (the comparative figures for previous year were 19 programs in ten locations, with a total of 612 participants). In addition, a "Financial Management Training" workshop was offered in 41 locations and attracted a total of 582 persons (this compares with 33 locations and 433 participants in 1980-81).

The Division of Continuing Education in the Health Sciences increased its professional development services to residents of non-metropolitan areas from 148 programs to 174 programs, and from 4,031 to 5,441 participants. Among the innovations introduced in 1981-82 was a community hospitals program offered by Continuing Medical Education to 752 physicians in 33 programs and a pilot project of "hospital implemented" Level I Post-graduate Program in Critical Care Nursing offered in cooperation with the Cowichan and District Hospital, using a combination of UBC and local resources for instruction.

The Faculty of Commerce and Business Administration, through its Executive Programs, offered again a considerable continuing education program reaching many individuals throughout the province, especially by means of correspondence study which served some 3,500 participants.

The professional development program of the Faculty of Forestry suffered most under the adverse economic development in the resource industries. All but one program had to be cancelled due to insufficient enrolment, and only five registrations were recorded in the non-credit programs (these were in the video-taped course "Forest Policy with Peter Pearse" offered in cooperation with Camosun College, College of New Caledonia and Okanagan College).

The Faculty of Education, in addition to its considerable effort in the provision of credit courses, also continued with its significant contribution to professional development in the field. The tightening economic situation had some effect on participation also in this area, with the number of participants dropping from 4,357 in the previous year to 3,434 in 1981-82.

The Faculty of Applied Science, in cooperation with the Centre for Continuing Education, continued with the province-wide program of continuing education for engineers, especially through the Diploma Program in Administration for Engineers. However, the worsening economic situation in the industry in the spring adversely affected programs in this area, and the near future does not look too promising for participation in this area.

The Centre for Continuing Education carried on in its efforts to expand non-credit general and professional continuing education programs to locations outside the Lower Mainland. In addition to the Engineering Program, offered in cooperation with the Faculty of Applied Science, other program areas served many communities in B.C. The program areas most active in this respect were Adult Education Training, Continuing Education for Architects, Instructor's Diploma Program, and Urban Planning. The UBC Interior Program, based on Vernon and serving the southern Interior organized 25 programs in eight communities and registered over 700 participants. Special "Lecture of the Art" series were arranged by the Centre in Prince George in cooperation with the College of New Caledonia. The total number of participants served by programs organized by the Centre for Continuing Education in non-metropolitan areas in 1981-82 was 3,174.

The increasing use of Knowledge Network and Anik-B for the delivery of both credit and non-credit continuing education programs is worthy of note.

The Division of Continuing Education in the Health Sciences was in the forefront of this new thrust. Five programs for dentists and dental hygienists attracted 330 registrations; two programs for physicians served 294; and a program on nutrition and dietetics enroled 66 persons. Nursing Continuing Education experimented with a number of televised programs, all without a clinical component. A clinically oriented telecourse was broadcast during January to June, with local cooperation from Cariboo College, Northwest College and Okanagan College; the tapes from this successful pilot project are being edited for rebroadcasts on Knowledge Network.

Among other UBC televised programs was a Faculty of Education credit course in special education, offered twice over Knowledge Network; 210 students followed this course. Guided Independent Study used the network to offer again the art introduction course "The Pyramids to Picasso", broadcasts of "Introduction to Computers and Computer Application" were arranged by Engineering Continuing Education, and a highly successful course "Urban Agriculture" was offered on a pilot program basis.

Through this ongoing delivery of continuing education to many parts of the province, The University of British Columbia demonstrates its commitment to the province-wide mandate bestowed upon it by the Universities Act.

UBC SPEAKERS BUREAU

The UBC Speakers Bureau came into being in response to the many requests for speakers received by the University. Staffed and funded by the UBC Alumni Association, the Bureau acts as a 'clearinghouse' for requests from the community for speakers, by providing information on the broad range of topics available and by operating an efficient booking service.

This Annual Report for 1981-82 completes the seventh year of the UBC Speakers Bureau. The figures listed below indicate our growth over that period.

Year	No. of Volunteers	No. of Speaking Engagements
1975-76	175	72
1976-77	315	132
1977-78	421	152
1978-79	421	382
1979-80	417	400
1980-81	416	460
1981-82	310	423

Speaking engagements are arranged with a variety of groups and organizations each year. Requests for speakers are received from pre-school and day care centres, public libraries, senior citizens groups, community centres, conference organizers and clubs such as The Rotary and Kiwanis, etc. Topics covered by our volunteers are listed in categories such as adolescence and youth; drama, film, music and theatre; nutrition; travel and others. The variety of topics available has made the Speakers Bureau very popular in the Lower Mainland communities.

With the Koerner Foundation Travel Grant available, we were able to extend engagements to areas beyond the Greater Vancouver Regional District. We hope that through this grant, we will be able to continue assisting the speakers travelling throughout the province in the future.

Looking ahead to 1982-83, we unfortunately cannot hope for "a bigger and better" year. As with most of the UBC faculties and departments, our budget has been cut as well. For our clients, we have published a poster displaying the topics available, advising them that the Speakers Bureau is open from 9:00 a.m. to noon on weekdays, to receive requests for a speaker. Hopefully, this reduction of services will not be too much of an inconvenience for the service we provide to the community.

THE UNIVERSITY OF BRITISH COLUMBIA
STATISTICAL SUMMARY OF PARTICIPATION IN
CONTINUING EDUCATION PROGRAMS 1981-82

	Credit Enrolment	Non-Credit Enrolment
Extra-Sessional Credit Programs	11,463	45
Centre for Continuing Education (including Guided Independent Study)	1,457	45,929
Division of Continuing Education in the Health Sciences		13,442
Professional Programs of the Faculty of Commerce and Business Administration		9,690
Professional Continuing Education Program of the School of Social Work		898
Professional Continuing Education Program of the Faculty of Agricultural Sciences	42	1,678
Professional Continuing Education Program of the Faculty of Education	1,758	3,434
Professional Continuing Education Program of the Faculty of Forestry	(354)*	5
School of Physical Education and Recreation Community Sports Services (Adult Program)		1,232
	14,720	76,353

TOTAL PARTICIPATION IN
CONTINUING EDUCATION PROGRAMS
CREDIT AND NON-CREDIT 91,073

* Included in Guided Independent Study